STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
ML-47502	Indian

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: Miller, Dyer & Co., LLC

9. WELL NAME and NUMBER: Ute Tribal 6-16-14-20

3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 292-0949

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 1846 FNL 2065 FWL 612948X 39.601541

AT PROPOSED PRODUCING ZONE: SAME 4384151Y -109.684468

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E S

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)

12. COUNTY: Uintah

13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
1846	1280	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
3080	5,000	RLB0008085
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6838 GR	10/1/2006	3 Weeks

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12-1/4"	9-5/8"	J-55	36#	300	Standard Type 5	120 sacks	1.18	15.6
8-3/4"	5-1/2"	J-55	15.5#	5,000	Hi-Fill & Poz Prem	979 sacks	3.84 & 1.25	11 & 14.35

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Jeff Vang TITLE Vice President of Operations

SIGNATURE _____ DATE 8/22/06

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38506 APPROVAL:

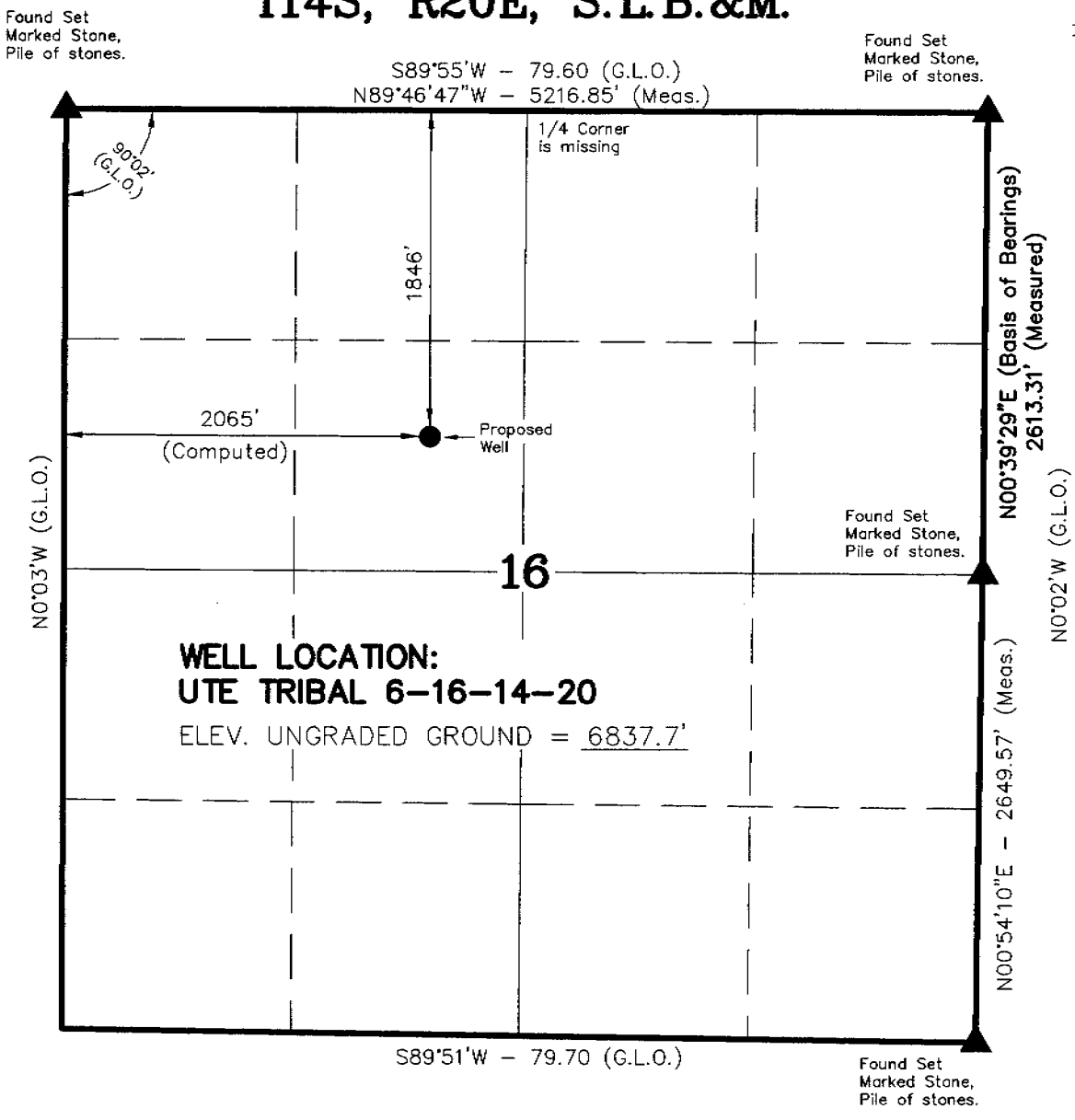
RECEIVED
AUG 24 2006
DIV. OF OIL, GAS & MINING

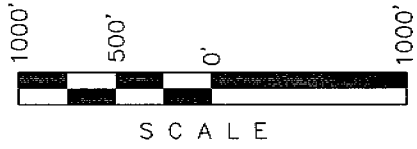
(11/2001) (See Instructions on Reverse Side)

T14S, R20E, S.L.B.&M.

MILLER, DYER & CO. LLC

WELL LOCATION, UTE TRIBAL 6-16-14-20, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.





NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The proposed well bears S47°58'40"E 2768.82' from the Northwest Corner of Section 16.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

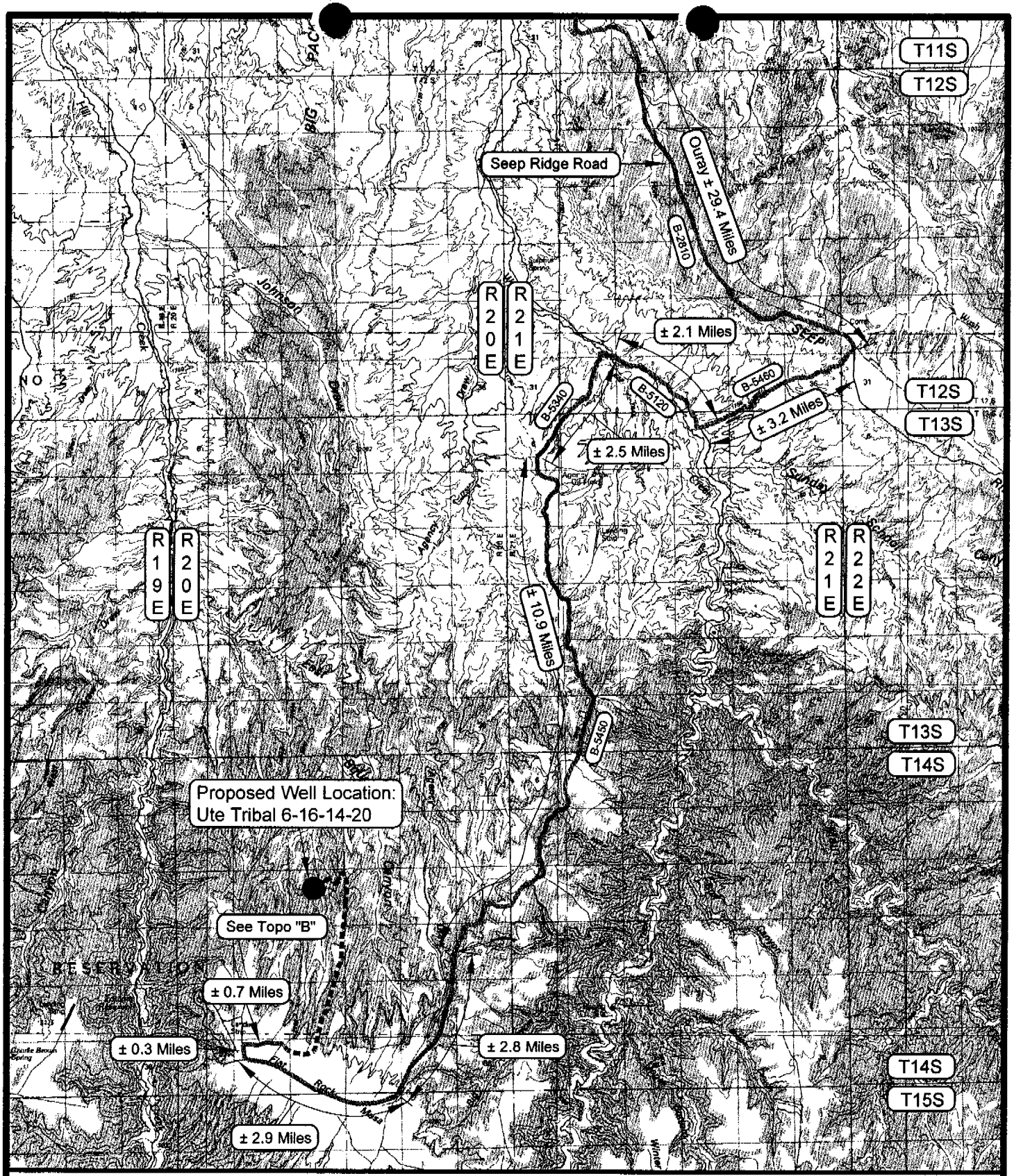
▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

UTE TRIBAL 6-16-14-20
(Proposed Well Head)
NAD 83 Autonomous
LATITUDE = 39° 36' 05.29"
LONGITUDE = 109° 41' 06.37"

TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 07-17-06	SURVEYED BY: K.R.K.	SHEET 2
DATE DRAWN: 07-20-06	DRAWN BY: M.W.W.	OF 10
SCALE: 1" = 1000'	Date Last Revised:	



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS & NUMBER

N

MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

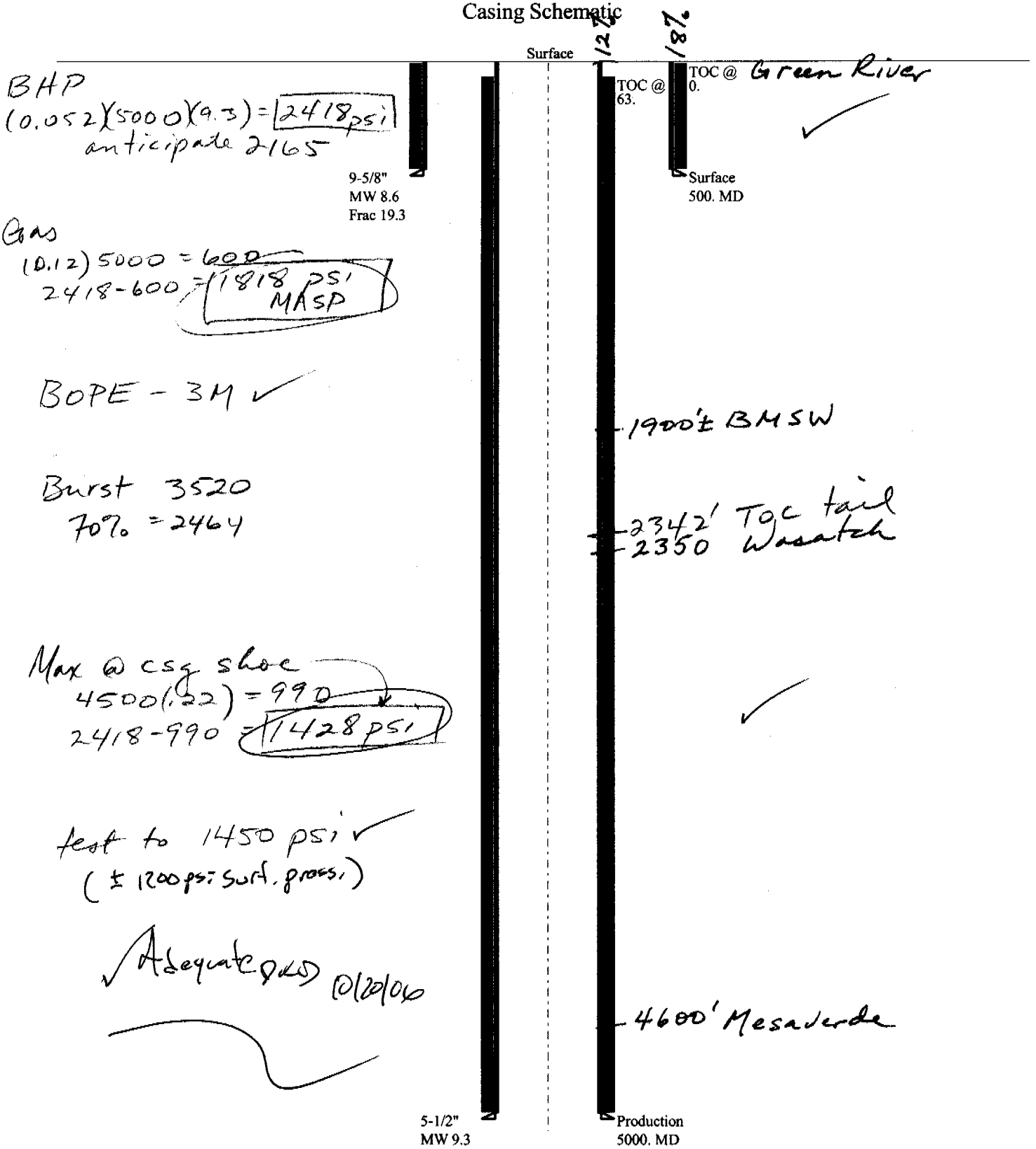
TOPOGRAPHIC MAP "A"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1:150,000	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 7 OF 10

08-06 Miller Dyer Ute Tribal 16-14-20

Casing Schematic



6838
-4900
1938

Well name:	**08-06 Miller Dyer Ute Tribal 6-16-14-20**
Operator:	**Miller, Dyer & Co., LLC**
String type:	Surface
Project ID:	43-047-38506
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,816 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,876 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 436 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:
Next setting depth: 5,000 ft
Next mud weight: 9.300 ppg
Next setting BHP: 2,416 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 5,000 ft
Injection pressure: 5,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	9.625	36.00	J-55	ST&C	500	500	8.796	217

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	223	2020	9.043	1876	3520	1.88	16	394	25.08 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: October 18,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 500 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	**08-06 Miller Dyer Ute Tribal 6-16-14-20**
Operator:	**Miller, Dyer & Co., LLC**
String type:	Production
Project ID:	43-047-38506
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,316 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,416 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 4,297 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 145 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 63 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5000	5.5	15.50	J-55	ST&C	5000	5000	4.825	668.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2416	4040	1.672	2416	4810	1.99	67	202	3.03 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals
Phone: 801-538-5357
FAX: 801-359-3940
Date: October 18,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 5000 ft, a mud weight of 9.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

43-047-38506

From: Robert Clark
To: Whitney, Diana
Date: 9/5/2006 9:52:52 AM
Subject: RDCC short turn around items

The following comments are provided in response to short turn around items **RDCC #6996** through**RDCC #6999,** and **RDCC #7030** through **RDCC # 7032.**

RDCC #6996, Comments begin: The Flying J Oil & Gas Inc proposal to drill the **Knight 14-30** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC # 6997, Comments begin: The Flying J Oil & Gas Inc proposal to drill the **Deep Creek 2-30** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

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RDCC #6998, Comments begin: The Flying J Oil & Gas Inc proposal to drill the **Knight 16-30** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC #6999, Comments begin: The Flying J Oil & Gas Inc proposal to drill the **Eliason 6-30** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

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RDCC # 7030, Comments begin: The Miller, Dyer & Co., LLC proposal to drill the **Ute Tribal 8-16-14-20** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

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RDCC # 7031, Comments begin: The Miller, Dyer & Co., LLC proposal to drill the **Ute Tribal 16-16-14-20** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm **Comments end.**

RDCC # 7032, Comments begin: The Miller, Dyer & Co., LLC proposal to drill the **Ute Tribal 6-16-14-20** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm **Comments end.**

Robert Clark
Division of Air Quality
536-4435

CC: Mcneill, Dave; Wright, Carolyn

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-47502	6. SURFACE: Indian
7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe	
8. UNIT or CA AGREEMENT NAME: N/A	
9. WELL NAME and NUMBER: Ute Tribal 6-16-14-20	
10. FIELD AND POOL, OR WILDCAT: Wildcat	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E S	
12. COUNTY: Uintah	13. STATE: UTAH

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

2. NAME OF OPERATOR: Miller, Dyer & Co., LLC

3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 292-0949

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1846 FNL 2065 FWL 612948X 39.601541
AT PROPOSED PRODUCING ZONE: SAME 4384151Y -109.684468

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
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18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
3080	5,000	RLB0008085
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6838 GR	10/1/2006	3 Weeks

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12-1/4"	9-5/8"	J-55	36#	300	Standard Type 5	120 sacks	1.18	15.6
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25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Jeff Lang TITLE Vice President of Operations

SIGNATURE _____ DATE 8/22/06

(This space for State use only)

RECEIVED
AUG 24 2006
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-047-38506 APPROVAL:

(11/2001) (See Instructions on Reverse Side)

DRILLING PLAN
MILLER, DYER & CO. LLC

UTE TRIBAL #6-16-14-20
SENW Section 16 T14S-R20E

1. **Estimated Formation Tops**

Estimated Formation Tops:	MD	
Green River	Surface	
Wasatch	2,350'	Oil and/or gas anticipated > 3,000'
Mesaverde	4,600'	Gas

2. **Pressure Control Equipment**

Schematic attached (Diagram "A")

Blow Out Preventer (BOP) will be equipped as follows:

A. Type: Eleven (11) Inch double Gate Hydraulic 3,000 psi BOP mounted on a 3,000 psi casinghead.
   a. One set of blind rams (above)
   b. One set of pipe rams (below)
   c. Appropriate fill, kill and choke lines will be 2" x 2,000 psi working pressure

B. Auxiliary Equipment:
   Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

   A rotating head will be installed above the blow-out preventer to divert any hydrocarbons in the drilling mud away from the rig floor.

C. Pressure Rating: 3,000 psi WP

D. Testing Procedure:

Hydraulic Ram-Type BOP
At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:
1) When the BOP is initially installed.
2) Whenever any seal subject to test pressure is broken.
3) Following related repairs; and

4) At thirty (30) day intervals

In addition to the above, the pipe and blind rams will be activated each trip, but no more that once each day.

E. Choke Manifold Equipment:
All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:
The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:
The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 125 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore oil and Gas Order Number 2.

3. **Auxiliary Equipment**
   a. Kelly cock – Yes
   b. Float sub at bit – No
   c. Mud logger & instrumentation – Yes
   d. Full-opening safety valve on rig floor – Yes
   e. Rotating head – No

4. Casing Program

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	20"	16"	Conductor	0.250" wall	
Surface	0' - 300'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'- 5,000'	8-3/4"	5-1/2"	J-55	15.5#	STC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' – 300'

Cement:

0'-300'
15.6 ppg Standard Type V
2% CaCl2
¼ #/sk cello flake
Cement yield = 1.18 ft3/sk w/ 5 gal/sk water
Annular volume = 300' * 0.3132 ft3/ft = 94.0 ft3
Excess = 50%
Total volume w/ excess = 94.0 ft3 * 1.50 = 141.0 ft3
Cement Requirement = 141.0 ft3 / 1.18 ft3/sk = **120 sks**

Production Casing: 0'-5,000'

Lead Cement:

0'-2500'
11.0 ppg Halliburton Hi-Fill (or equivalent)
16% Bentonite (light weight additive)
0.75% Econolite (light weight additive)
10 #/sk gilsonite (lost circulation additive)
0.25 #/sk Flocele (lost circulation additive)
3% salt
1% HR-7 (retarder)
Cement yield = 3.84 ft3/sk w/ 23 gal/sk water

Volume inside surface casing = 300' * 0.2691 ft3/ft = 80.7 ft3
Excess = 0%
Annular volume = 2200' * 0.2526 ft3/ft = 555.7 ft3
Excess = 35%
Annular volume w/ excess = 555.7 ft3 * 1.35 = 750.2 ft3
Total volume = 80.7 + 750.2 = 830.9 ft3
Lead Cement Requirement = 830.9 ft3 / 3.84 ft3/sk = **216 sks**

Tail Cement:

2500'-5000' plus shoe joint
14.35 ppg 50/50 Poz Premium
0.6% Halad® - 322 (Low Fluid Loss Control)
2% Microbond M (Cement Material)
5% Salt
¼ #/sk Flocele (Loct Circulation Additive)
0.2% HR-5 (Retarder)
Cement yield = 1.25 ft3/sk w/ 5.46 gal/sk water
Annular volume = 2500' * 0.2526 ft3/ft = 631.5 ft3
Excess = 50%
Total annular volume w/ excess = 631.5 ft3 * 1.50 = 947.3 ft3
Shoe volume = 45' * 0.1336 ft3/ft = 6.0 ft3
Excess (shoe) = 0%
Total volume w/ excess (incl. shoe) = 947.3 + 6.0 = 953.3 ft3
Tail Cement Requirement = 953.3 ft3 / 1.25 ft3/sk = **763 sks**

Displacement Volume:

4955' * 0.0238 bbl/ft = 117.9 bbls

5. Mud Program (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-2,400'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'-5000'	KCl/Polymer or DAP/Polymer	9.0-9.3 ppg	38-42 sec/qt	8-10cc

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

6. Testing, Logging, Coring

a. Drill stem tests – non anticipated
b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, both from TD to surface

c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

7. Anticipated Bottom Hole Pressure and Temperature, and other Potential Hazards

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 2,165 psi (calculated at 0.433 psi/ft. at the 5,000' level of the Mesaverde). This normal pressure gradient is consistent with pressures seen in the nearby Flat Rock Field. Therefore, the maximum anticipated surface pressure is 1065 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

B. Bottom Hole Temperature:

The bottom hole temperature anticipated in this wellbore is approximately 120 degrees Fahrenheit at 5,000 TVD. This anticipated temperature is consistent with the temperatures encountered in wells drilled previously to similar depths in the Flat Rock Field.

C. Abnormal Pressures or Temperatures:

As demonstrated above, no abnormal pressures or temperatures are anticipated in this well.

D. Potential Hazards:

No hydrogen sulfide (H_2S) gas or other potential hazards have been encountered or are known to exist in any well drilled to similar depths in the general area.

8. Anticipated Starting Date and Duration

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

1) Drilling: Approximately 10 days.
2) Completion: Approximately 10 days

Drilling Notification:

The spud date will be reported orally to the Utah Division of Oil, Gas & Mining, 24 hours prior to spudding, unless otherwise instructed in the site specific conditions of approval.

SURFACE USE PLAN
MILLER, DYER & CO. LLC

UTE TRIBAL 6-16-14-20
SENW Section 16 T14S-R20E

1. Existing Roads:
   a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road . The Flat Rock Mesa Road then continues 3.2 miles to the Flat Rock Field.
   b. Topographic Map "B" shows the point approximately 55 miles south of Ouray where the access road to the well departs from the Flat Rock Mesa Road. Beyond this point the access road consists of 0.7 mile of existing lease road leading to an existing well pad in the NENE of Section 29-R14E-R20E. Four miles of new road trending North will lead to a 4,110' access road for the Ute Tribal 6-16-14-20 location.

2. Planned Access Road: (refer to Topographic Map "D")
   a. Length of new road will be approximately 200 feet.
   b. The right-of-way width is 30' (15' on either side of the centerline) with a 20-foot wide running surface.
   c. Maximum grade will be less than 2%
   d. No turn-outs are planned.
   e. The new road will be crowned, ditched and dipped to provide adequate drainage.
   f. Culverts will be used if necessary.
   g. No gates are cattle guards will be needed. Nor will any existing facilities be modified.
   h. The proposed road was flagged when the location was staked.
   i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:
   a. The nearest producing well is the Flat Rock #3-29-14-20, located approximately 2.5 miles southwest of the proposed well location in Section 29-T14S-R20E.

4. Location of Existing and/or Proposed Facilities:
   a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:
   a. Miller, Dyer & Co. existing water supply well the Ute Tribal 30-4A, located in the NENW Section 30-T14S-R20E on Indian surface has been approved by the Ute Indian Tribe. The existing BIA water permit number for the well is #14-20-H62-5069.
   b. Some produced water from existing wells may be used for drilling. Fresh water may also be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
   c. Water will be transported by truck on the Agency Draw and Flat rock Mesa roads.

6. Source of Construction Materials:
   a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
   b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
   c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.

7. Methods for Handling Waste Disposal:
   a. Methods and locations for safe containment and disposal of the following materials:
      1. Drill cuttings will be buried in the reserve pit.
      2. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
      3. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      4. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      5. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.

   b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater that 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

d. Reserve pit and waste water disposal:
    1. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
    2. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
    3. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
        a) The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
        b) Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
        c) The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
    4. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
    5. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
    6. After first production:
        a) Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
        b) During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis will be submitted to the authorized officer.

c) No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:
   a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.

9. Well Site Layout:
   a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
   b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
   c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.

10. Plans for Restoration of the Surface:
   a. Producing well location
      1. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
      2. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
      3. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
      4. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
      5. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.

   b. Dry Hole/Abandoned Location
      1. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.

11. Surface Ownership:

a. Access roads and location are held in trust for the Ute Indian Tribe by the Unites States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:
    a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
        1. Whether the materials appear to be eligible for the National Register of Historic Places;
        2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
        3. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

    b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
    c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

13. Lessee's or Operator's Representative and Certification:
    a. Jeff Lang, Vice President of Operations
    Miller, Dyer & Co. LLC
    475 17th Street, Suite 1200
    Denver, CO 80202
    Office: 303 292 0949 Ext 102
    FAX: 303 292 3901
    Cell: 303 503 3730
    Email: jeff@millerdyer.com

I hereby certify that I have inspected the proposed drill site and access road; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Miller, Dyer & Co. LLC, and its

contractors an subcontractors in conformity with the plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #8-16-14-20 well; SENE of Section 16, T14S-R20E and all producing zones; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit.

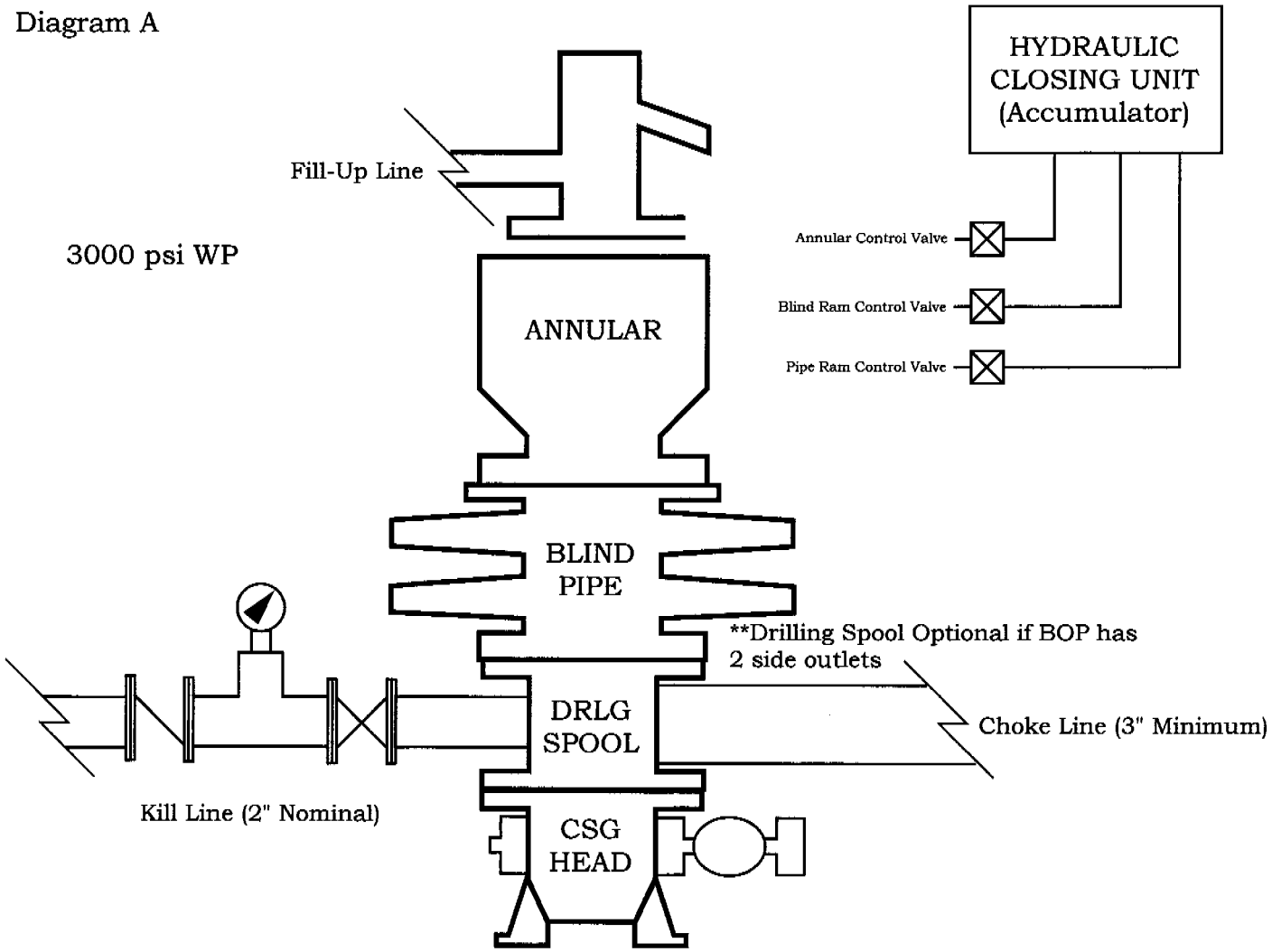
8/22/06
Date

Jeff Lang
Vice President of Operations

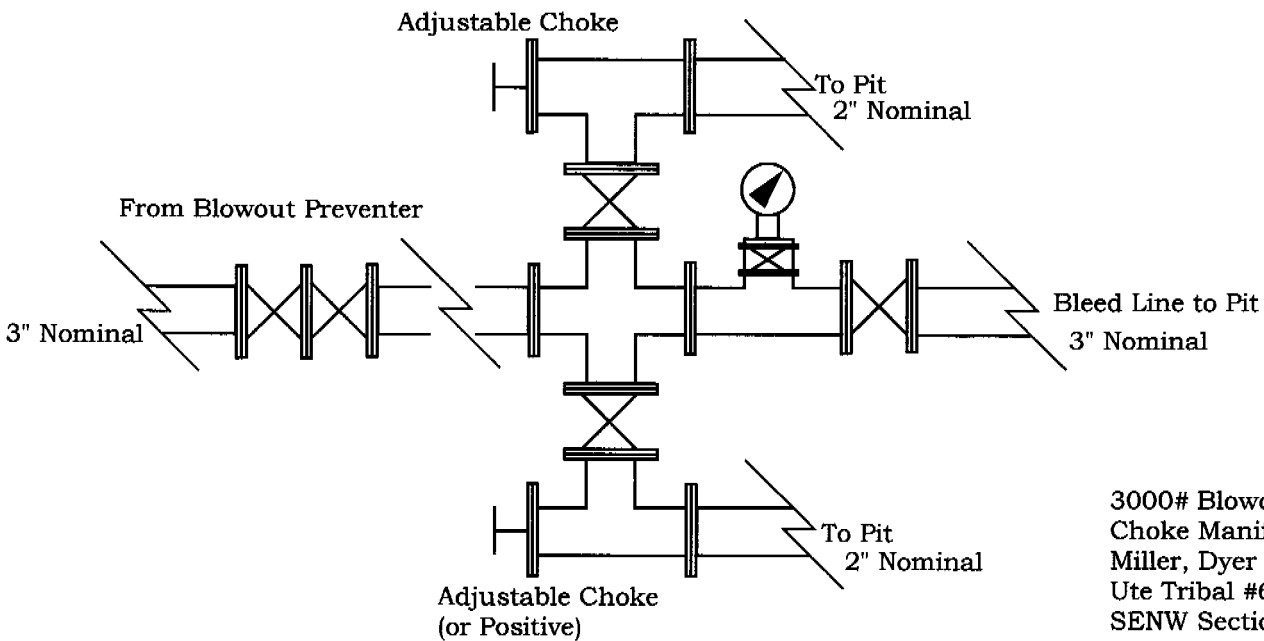
The onsite inspection for this well was conducted on _____, 2006

Participants in the onsite inspection were:
Kolby Kay, Timberline Land Surveying
John E. Dyer, Miller, Dyer & Co. LLC
_____ Ute Indian Tribe
_____ Ute Indian Tribe
_____ (contractor....)
_____ BIA rep
_____ State of Utah rep

Diagram A



Choke Manifold Requirement (3000 psi WP)



3000# Blowout Preventer &
Choke Manifold Schematic
Miller, Dyer & Co. LLC
Ute Tribal #6-16-14-20
SENW Section 16 T14S-R20E
Uintah County, Utah

Driving Directions
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
Section 16, T14S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88. TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 29.4 MILES TO ITS INTERSECTION WITH THE BUCK CANYON ROAD (COUNTY B ROAD 5460). TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5460 APPROXIMATELY 3.2 MILES TO WILLOW CREEK. TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE WILLOW CREEK ROAD (COUNTY B ROAD 5120) APPROXIMATELY 2.1 MILES TO ITS INTERSECTION WITH THE AGENCY DRAW ROAD (COUNTY B ROAD 5340). TURN LEFT AND PROCEED IN A WESTERLY THEN SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 5340 APPROXIMATELY 2.5 MILES TO ITS INTERSECTION WITH THE FLAT ROCK ROAD (COUNTY B ROAD 5450). TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG COUNTY B ROAD 5450 APPROXIMATELY 10.9 MILES TO THE FLAT ROCK MESA ROAD. PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.8 MILES TO ITS INTERSECTION WITH THE BLACK KNOLLS ROAD. CONTINUE IN A WESTERLY THEN NORTHWESTERLY DIRECTION ALONG THE FLAT ROCK MESA ROAD APPROXIMATELY 2.9 MILES TO THE NORTH FORK OF THE FLAT ROCK MESA ROAD. TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE NORTH FORK OF THE FLAT ROCK MESA ROAD APPROXIMATELY 0.3 MILES TO A SERVICE ROAD. TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 0.7 MILES TO AN EXISTING WELL PAD. PROCEED IN A SOUTHEASTERLY DIRECTION ACROSS THE WELL PAD APPROXIMATELY 350 FEET TO THE PROPOSED ACCESS ROAD FOR THE 8-16-14-20 WELL. FOLLOW ROAD FLAGS IN AN EASTERLY THEN NORTHERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4,110 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 90.6 MILES IN A SOUTHERLY DIRECTION.

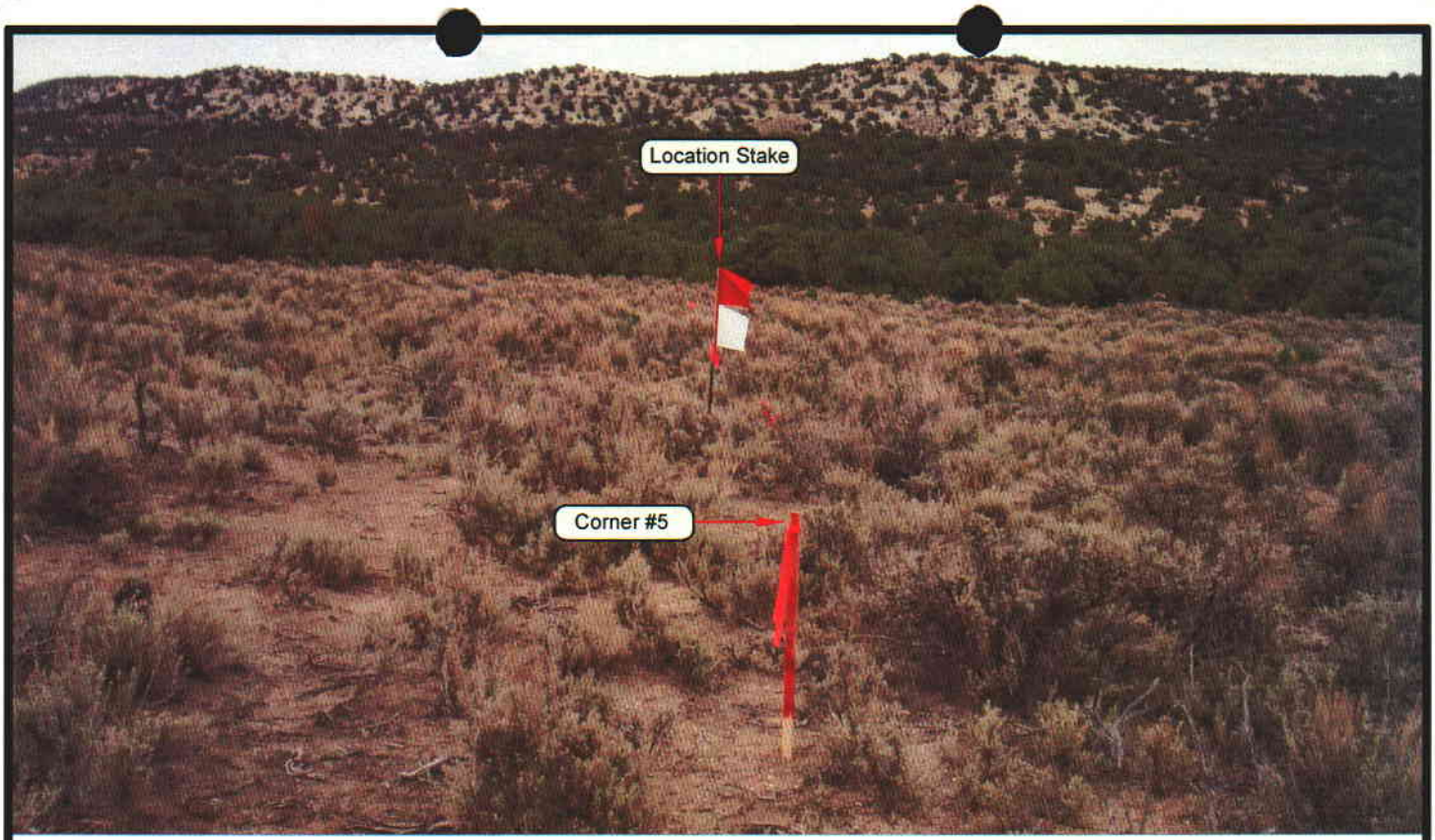


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE CAMERA ANGLE: NORTHEASTERLY

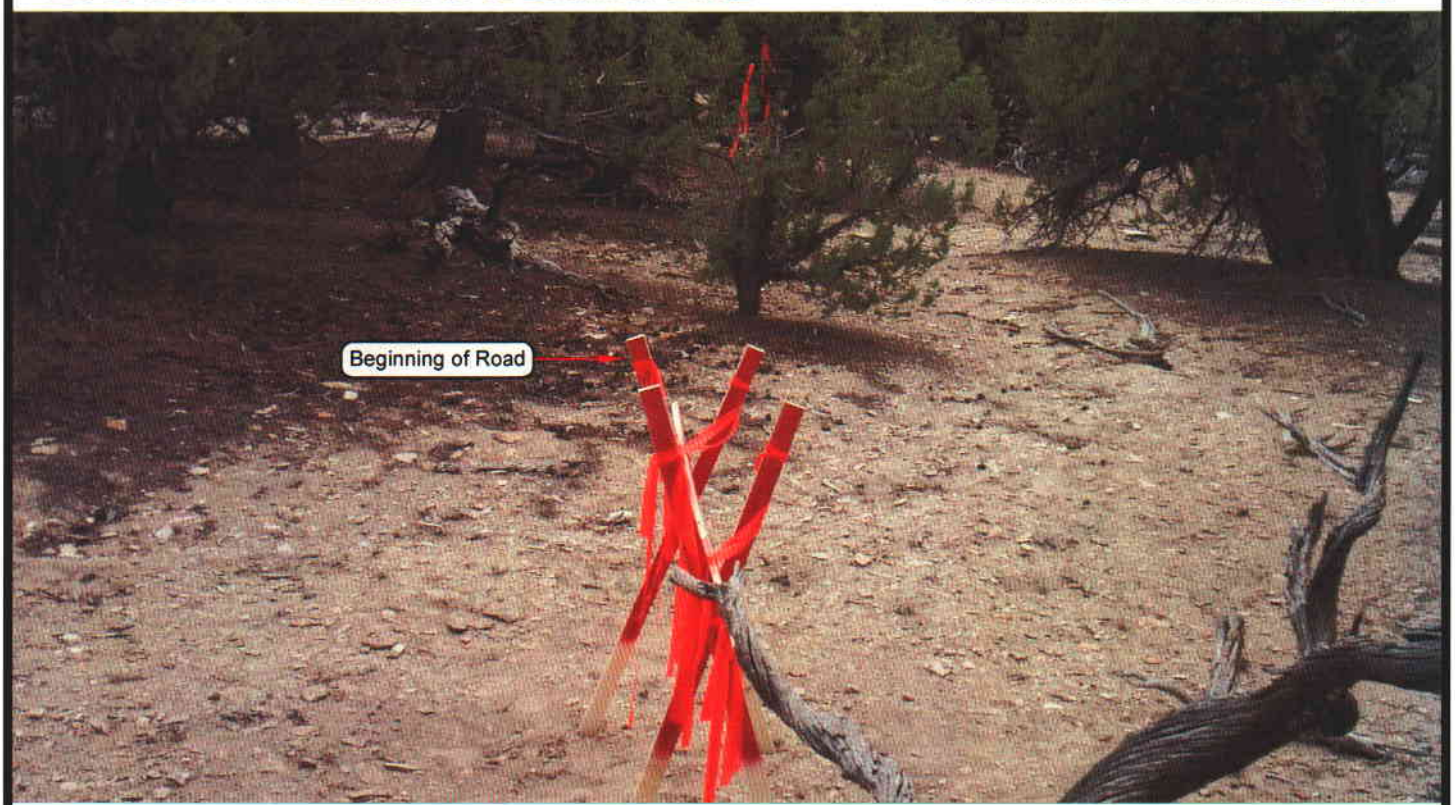


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD CAMERA ANGLE: SOUTHWESTERLY

MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

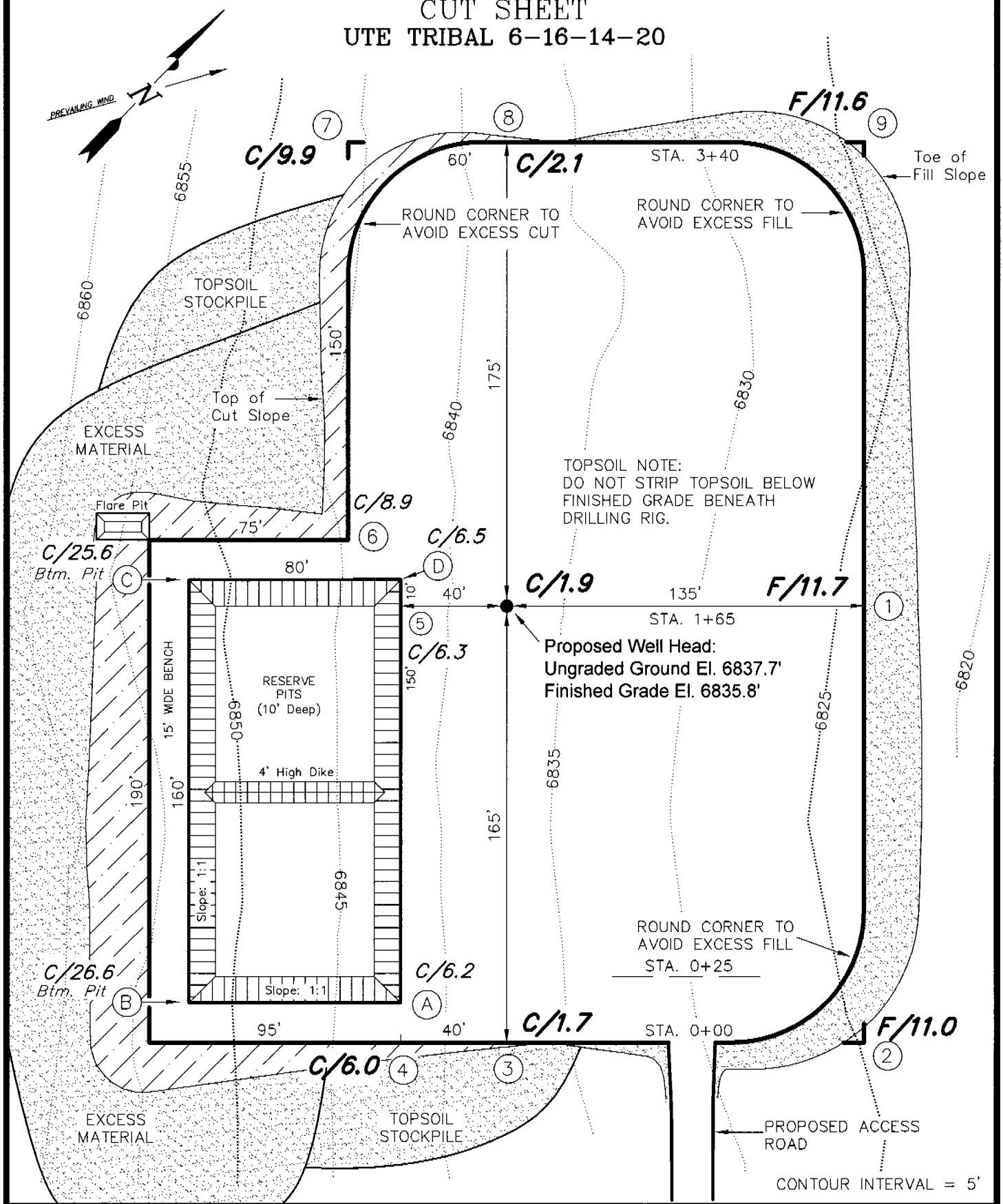
LOCATION PHOTOS		DATE TAKEN: 07-17-06
		DATE DRAWN: 07-20-06
TAKEN BY: M.S.B.	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

MILLER, DYER & CO. LLC

CUT SHEET

UTE TRIBAL 6-16-14-20

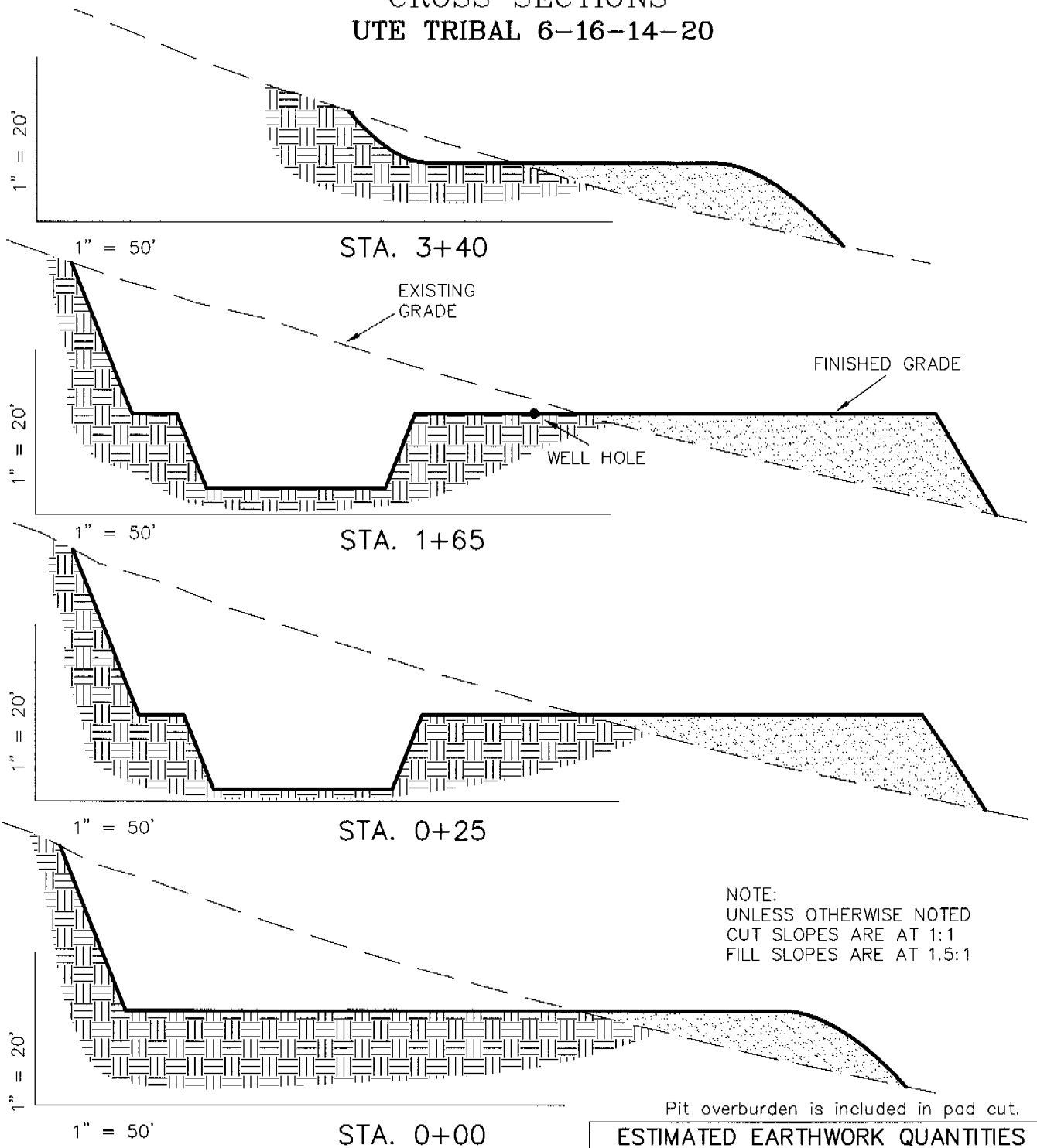


Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL		
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 3 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 50'		

MILLER, DYER & CO. LLC

CROSS SECTIONS

UTE TRIBAL 6-16-14-20



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES
(No shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	12,820	10,760	Topsoil is not included in Pad Cut	2,060
PIT	3,850	0		3,850
TOTALS	16,670	10,760	1,490	5,910

Excess Material after Pit Rehabilitation = 3,980 Cu. Yds.

REFERENCE POINTS

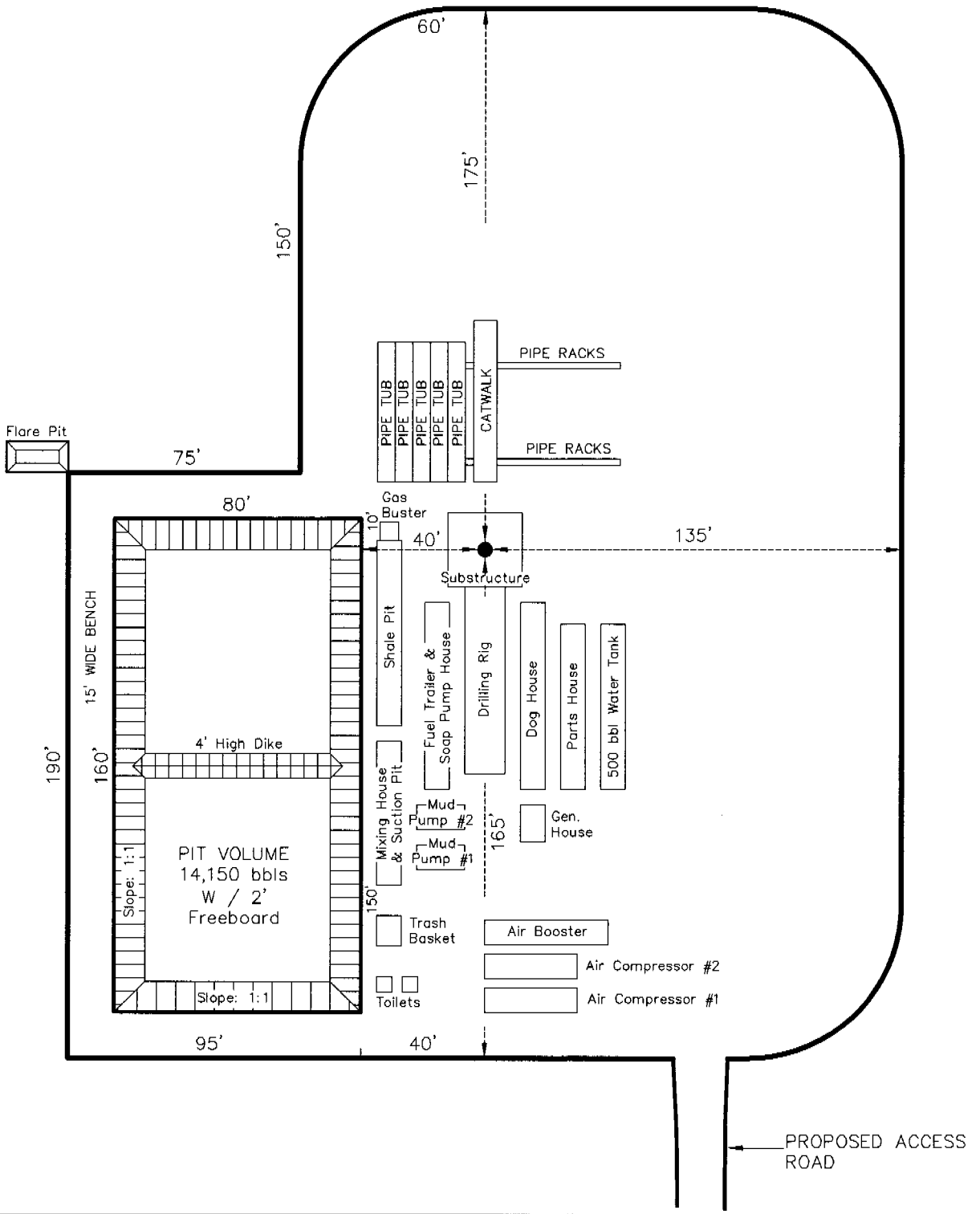
185' NORTHEASTERLY = 6819.5'
235' NORTHEASTERLY = 6815.5'
275' NORTHWESTERLY = 6837.2'
330' NORTHWESTERLY = 6840.2'

Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL	
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision:	
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 50'	

Timberline Land Surveying, Inc. (435) 789-1365
38 WEST 100 NORTH VERNAL, UTAH 84078

MILLER, DYER & CO. LLC

TYPICAL RIG LAYOUT
UTE TRIBAL 6-16-14-20

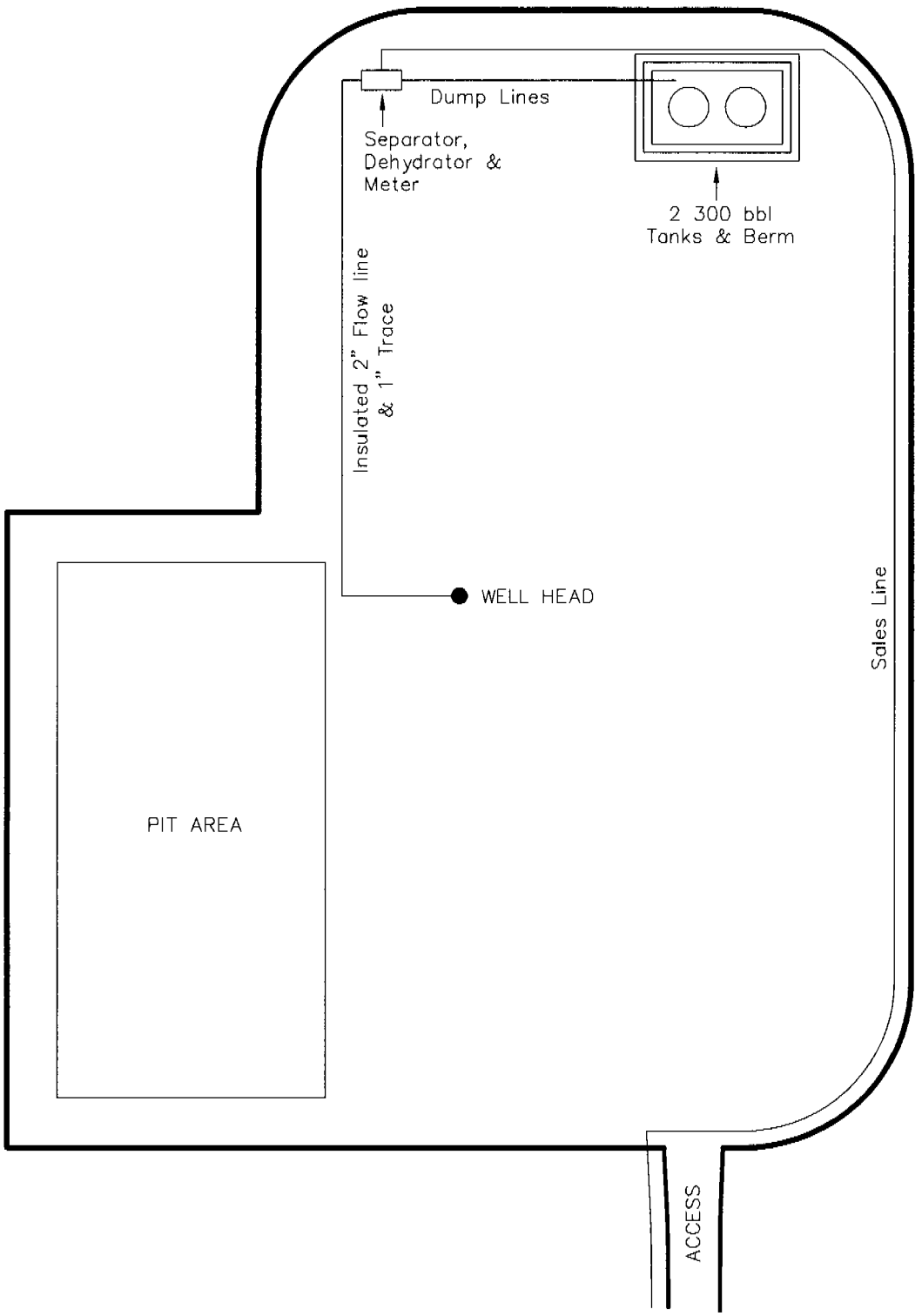


Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW		Footage Location: 1846' FNL & 2065' FWL	
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 5 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 50'		

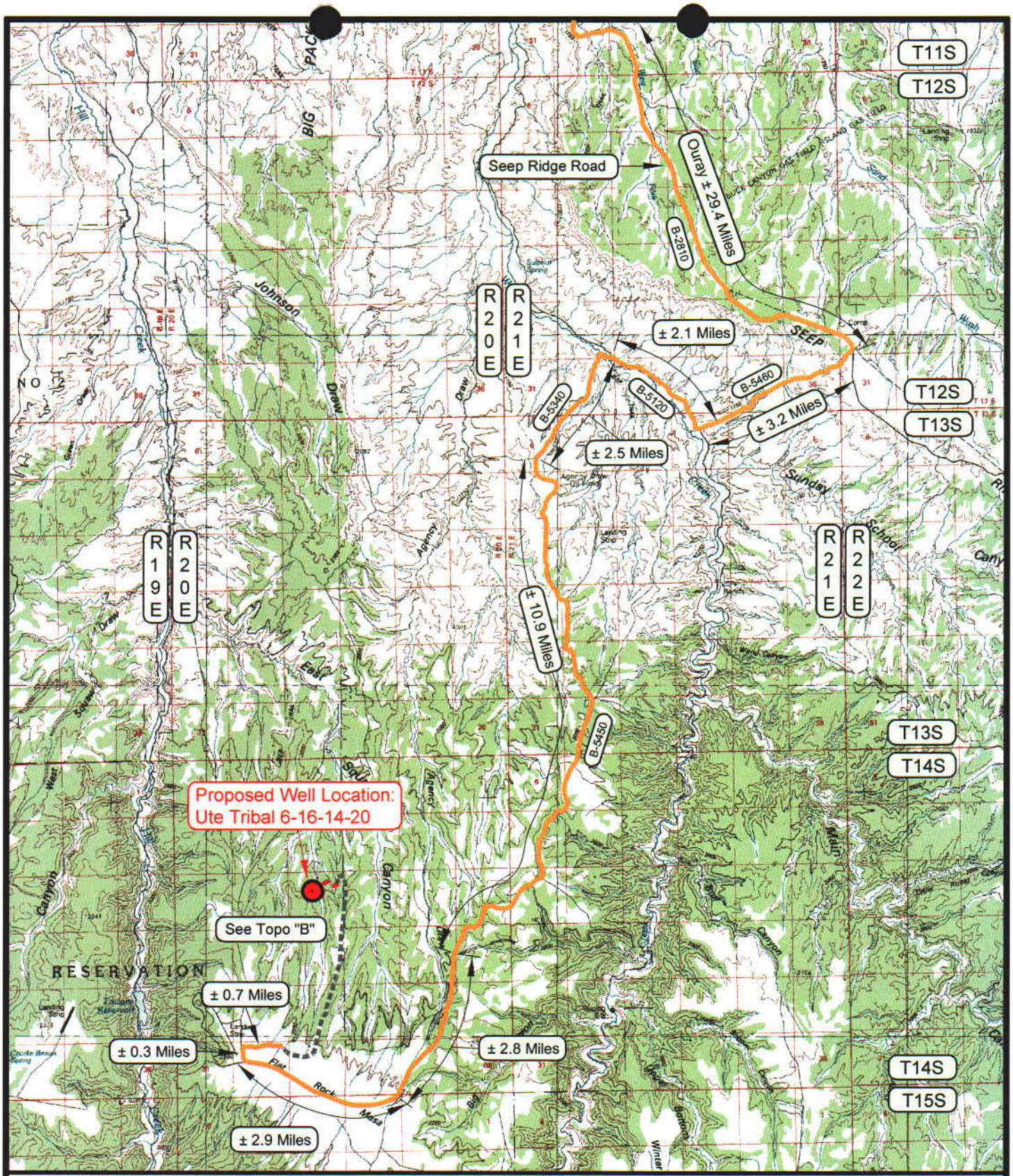
MILLER, DYER & CO. LLC

TYPICAL PRODUCTION LAYOUT

UTE TRIBAL 6-16-14-20



Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW		Footage Location: 1846' FNL & 2065' FWL	
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision:	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 6 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 50'		



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS & NUMBER

N

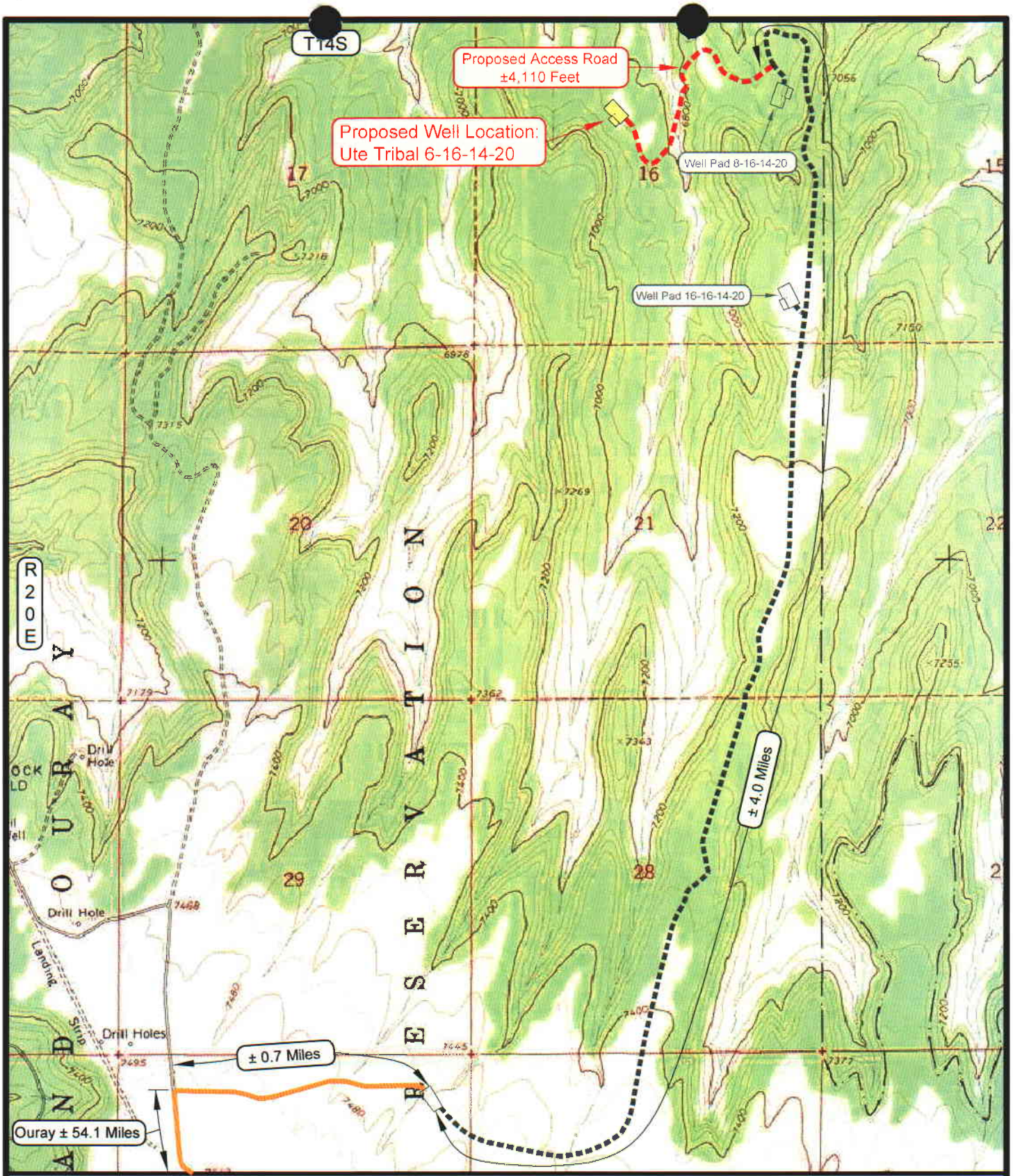
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "A"	DATE SURVEYED: 07-17-06
	DATE DRAWN: 07-20-06
SCALE: 1:150,000 / DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 7 OF 10



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELL
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)
B-5460 = COUNTY ROAD CLASS & NUMBER
= LEASE LINE AND / OR PROPERTY LINE

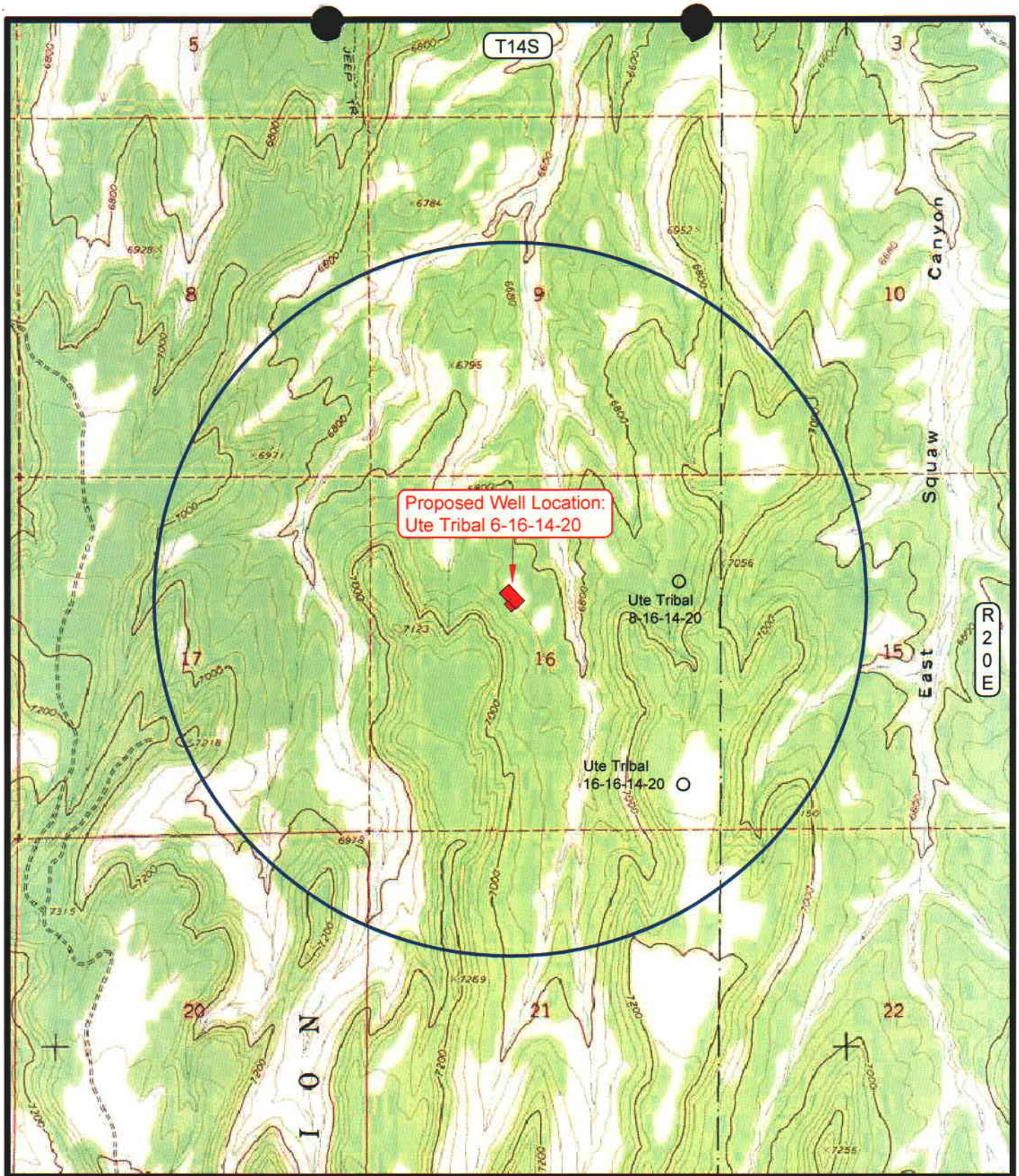
N

MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "B"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365



LEGEND

- ∅ = DISPOSAL WELL
- ● = PRODUCING WELL
- ● = SHUT IN WELL
- ○ = PROPOSED WELL
- ∅ = WATER WELL
- ● = ABANDONED WELL
- ● = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

N

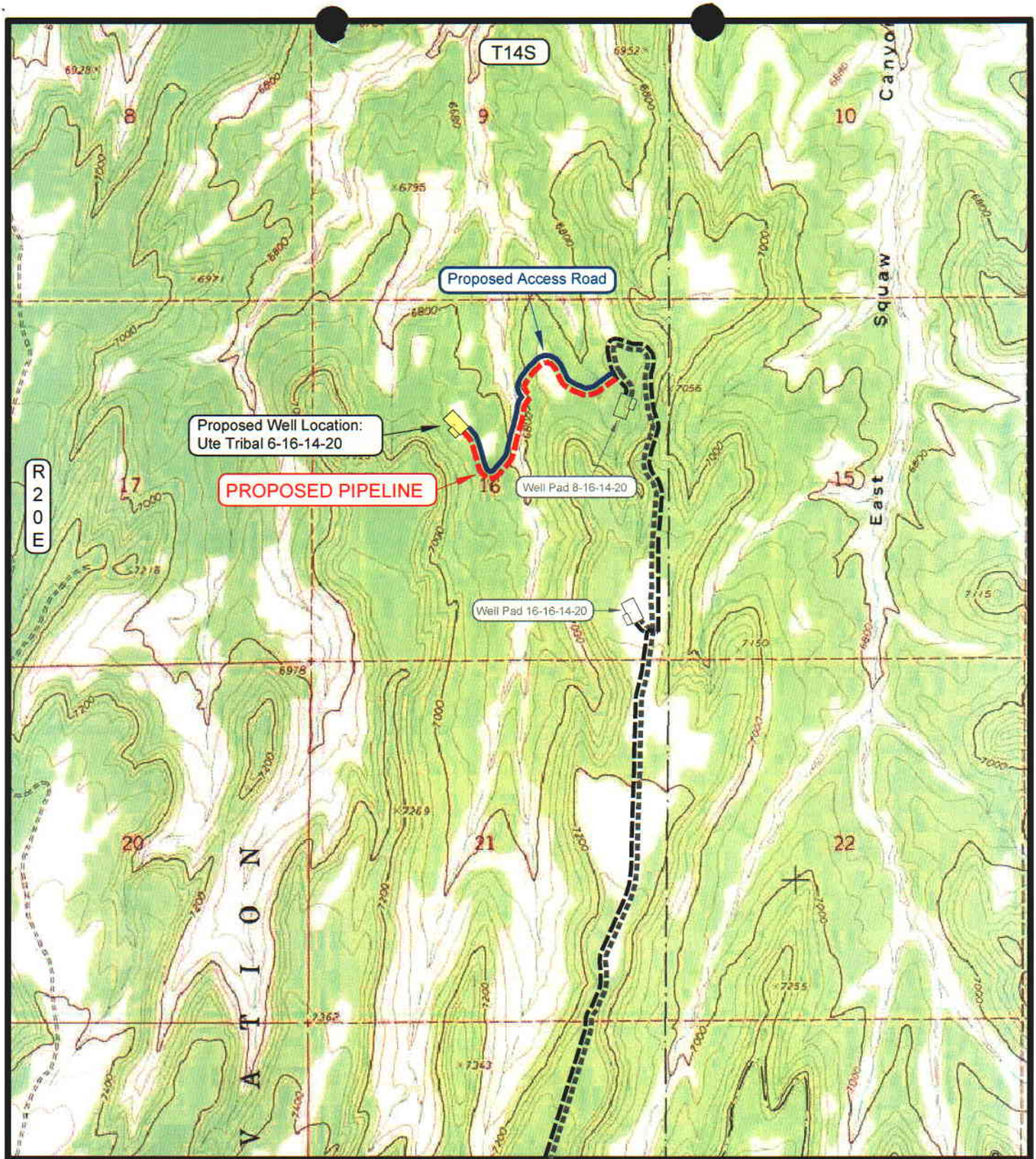
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "C"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 9 OF 10



APPROXIMATE PIPELINE LENGTH = ±4,110 Feet

LEGEND

= PROPOSED PIPELINE
= OTHER PIPELINE
PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= LEASE LINE AND / OR PROPERTY LINE

N

MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "D"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 10 OF 10

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/24/2006

API NO. ASSIGNED: 43-047-38506

WELL NAME: UTE TRIBAL 6-16-14-20

OPERATOR: MILLER, DYER & CO, LLC (N2580)

PHONE NUMBER: 303-292-0949

CONTACT: JEFF LANG

PROPOSED LOCATION:

SENW 16 140S 200E

SURFACE: 1846 FNL 2065 FWL

BOTTOM: 1846 FNL 2065 FWL

COUNTY: UINTAH

LATITUDE: 39.60154 LONGITUDE: -109.6845

UTM SURF EASTINGS: 612948 NORTHINGS: 4384151

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	10/20/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47502

PROPOSED FORMATION: MVRD

SURFACE OWNER: 2 - Indian

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008085)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 14-20-H62-5069)

✓ RDCC Review (Y/N)
(Date: 09/15/2006)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

✓ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

___ Drilling Unit

Board Cause No: _____

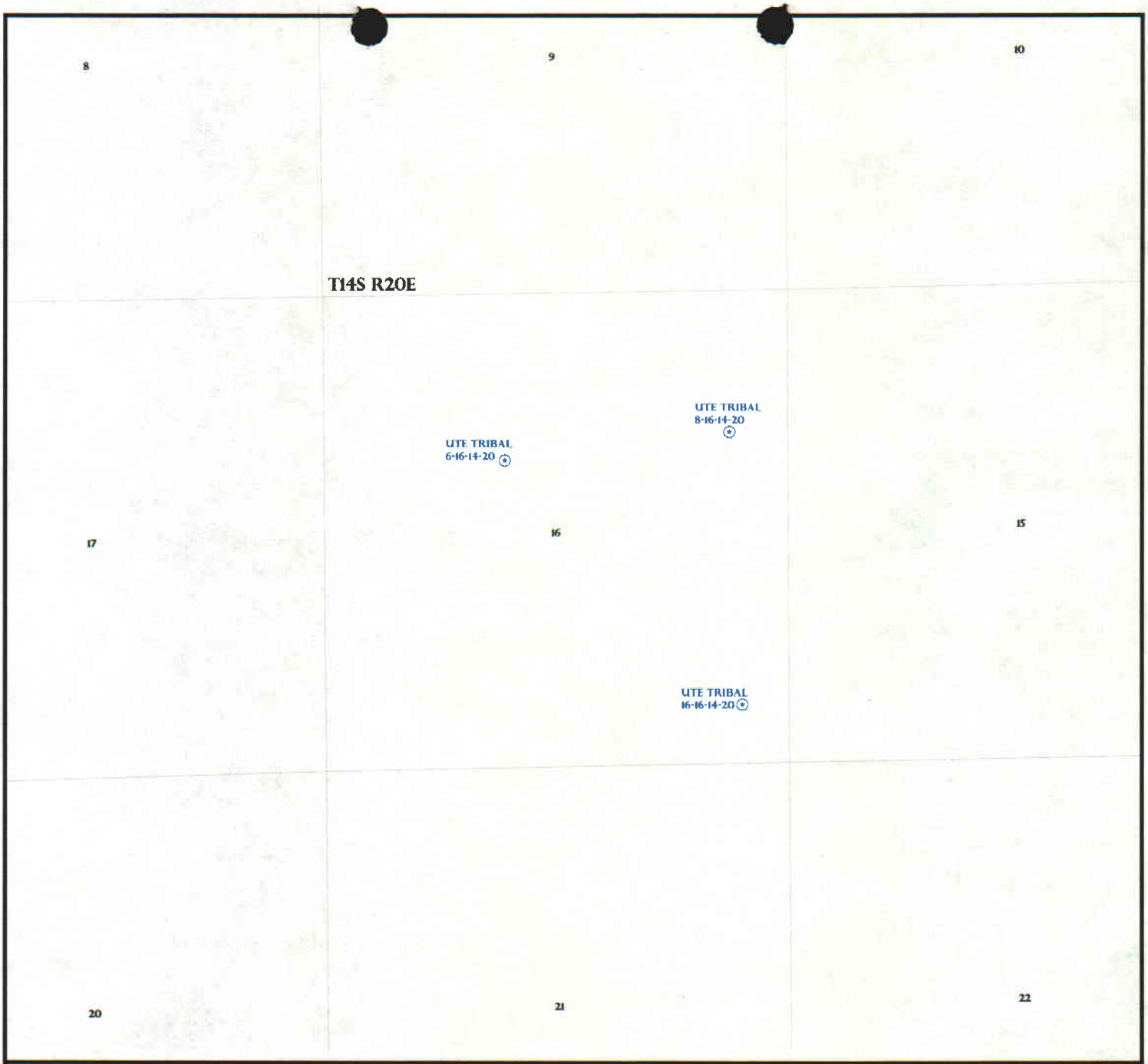
Eff Date: _____

Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: ~~Need Presite~~

STIPULATIONS: 1- Federal Approval
2- Spacing Slip
3- STATEMENT OF BASIS



OPERATOR: MILLER, DYIER & CO (N2580)

SEC: 16 T.14S R. 20E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

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W E
S

PREPARED BY: DIANA WHITNEY
DATE: 31-AUGUST-2006

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/24/2006

API NO. ASSIGNED: 43-047-38506

WELL NAME: UTE TRIBAL 6-16-14-20

OPERATOR: MILLER, DYER & CO, LLC (N2580)

PHONE NUMBER: 303-292-0949

CONTACT: JEFF LANG

PROPOSED LOCATION:

SENW 16 140S 200E

SURFACE: 1846 FNL 2065 FWL

BOTTOM: 2450 FNL 1660 FWL

COUNTY: UINTAH

LATITUDE: 39.60154 LONGITUDE: -109.6845

UTM SURF EASTINGS: 612948 NORTHINGS: 4384151

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47502

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WINGT

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

_____ Plat

_____ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008085)

_____ Potash (Y/N)

_____ Oil Shale 190-5 (B) or 190-3 or 190-13

_____ Water Permit
(No. SEE FILE)

_____ RDCC Review (Y/N)
(Date: 09/15/2006)

_____ Fee Surf Agreement (Y/N)

_____ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit: _____

____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

____ R649-3-3. Exception

____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____

____ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

T14S R20E

UTE TRIBAL
8-16-14-20

UTE TRIBAL
6-16-14-20

BHL
6-16-14-20

16

UTE TRIBAL
16-16-14-20

OPERATOR: MILLER, DYER & CO (N2580)

SEC: 16 T.14S R. 20E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
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- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
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- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

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W E
S

PREPARED BY: DIANA MASON
DATE: 26-JUNE-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
136	43-047-38506-00-00		GW	I	No

Operator MILLER, DYER & CO, LLC **Surface Owner-APD**
Well Name UTE TRIBAL 6-16-14-20 **Unit**
Field WILDCAT **Type of Work**
Location SENW 16 14S 20E S 0 F L 0 F L GPS Coord (UTM) 612948E 4384151N

Geologic Statement of Basis

Miller, Dyer & Co. proposes to set 500 feet of surface casing and 5,000 feet of production casing, both cemented to the surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 16. The base of the moderately saline water is estimated at 2,600 feet. The surface formation at the proposed location is the Green River Formation. The Green River Formation is made up of interbedded sandstones, limestones and shales. Fresh water can be expected to be found in the upper Green River. The proposed casing and cementing program should cover the entire Green River section and adequately protect the Green River aquifer.

Brad Hill	10/23/2006
APD Evaluator	**Date / Time**

Surface Statement of Basis

The Ute Indian Tribe is the surface owner at this location. The operator is responsible for obtaining any needed permits or rights of way before causing any surface disturbance or drilling.

Brad Hill	10/23/2006
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
	None

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency	**2. Approximate date project will start:**
Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	Upon Approval or September 14, 2006

3. Title of proposed action:
Application for Permit to Drill

4. Description of Project:

Miller, Dyer & Co., LLC proposes to drill the Ute Tribal 6-16-14-20 well (wildcat) on a State lease ML-47502, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.

5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)
(include UTM coordinates where possible) **(indicate county)**
1846' FNL 2065' FWL, SE/4 NW/4,
Section 16, Township 14 South, Range 20 East, Uintah County, Utah

6. Possible significant impacts likely to occur:
Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.

7. Identify local government affected
a. Has the government been contacted? No.
b. When?
c. What was the response?
d. If no response, how is the local government(s) likely to be impacted?

8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:
a. Has the representative and senator been contacted? N/A

9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)
Uintah Basin Association of Governments

10. For further information, contact:	**11. Signature and title of authorized officer**
Diana Whitney **Phone:** (801) 538-5312	Gil Hunt, Associate Director **Date:** August 31, 2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-47502	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Miller, Dyer & Co., LLC	9. WELL NAME and NUMBER: Ute Tribal 6-16-14-20
3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202 / PHONE NUMBER: (303) 292-0949	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1846 FNL 2065 FWL AT PROPOSED PRODUCING ZONE: SAME	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: See Topo Map "A" (Attached)	12. COUNTY: Uintah / 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
1846	1280	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
3080	5,000	RLB0008085
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6838 GR	10/1/2006	3 Weeks

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12-1/4"	9-5/8"	J-55	36#	500	Standard Type 5	272 sacks	1.18	15.6
8-3/4"	5-1/2"	J-55	15.5#	5,000	Hi-Fill & Poz Prem	976 sacks	3.84 & 1.25	11 & 14.35

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Jeff Lang TITLE Vice President of Operations

SIGNATURE _____ DATE 10/11/06

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38506

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 10-23-06

By: _____

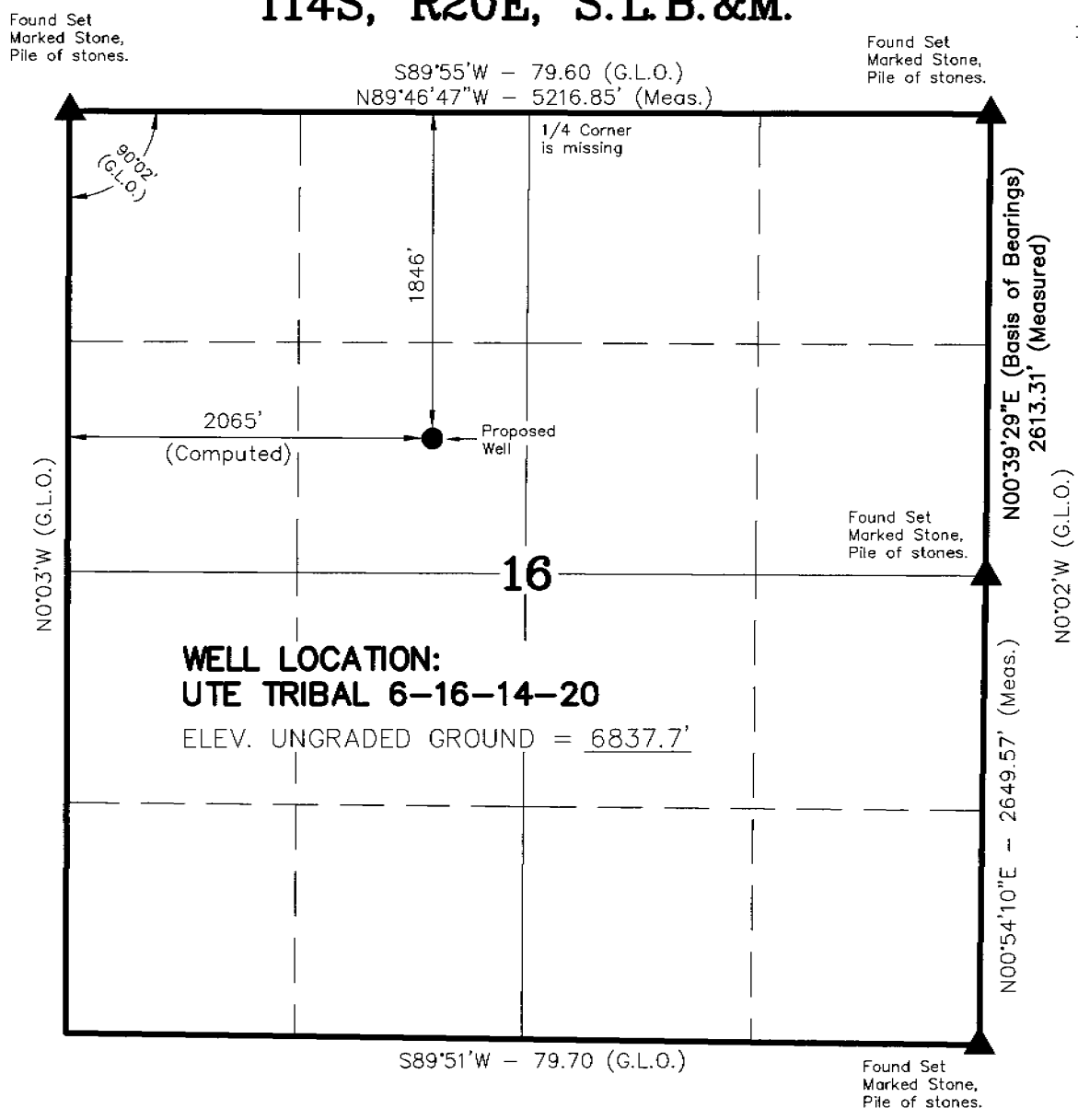
(See Instructions on Reverse Side)

RECEIVED
OCT 13 2006
DIV. OF OIL, GAS & MINING

(11/2001)

Federal Approval of this Action is Necessary

T14S, R20E, S.L.B.&M.



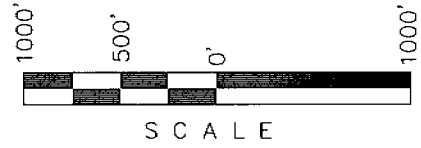
▲ = SECTION CORNERS LOCATED

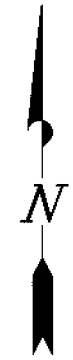
BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

UTE TRIBAL 6–16–14–20
(Proposed Well Head)
NAD 83 Autonomous
LATITUDE = 39° 36' 05.29"
LONGITUDE = 109° 41' 06.37"

MILLER, DYER & CO. LLC

WELL LOCATION, UTE TRIBAL 6–16–14–20, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.





NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The proposed well bears S47°58'40"E 2768.82' from the Northwest Corner of Section 16.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. – VERNAL, UTAH 84078
(435) 789–1365

DATE SURVEYED: 07–17–06	SURVEYED BY: K.R.K.	SHEET 2 OF 10
DATE DRAWN: 07–20–06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

4. **Casing Program**

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	20"	16"	Conductor	0.250" wall	
Surface	0' - 500'	12-1/4"	9-5/8"	J-55	36#	STC
Production	0'- 5,000'	8-3/4"	5-1/2"	J-55	15.5#	STC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' – 500'

Cement:

0'-500'
15.6 ppg Standard Type V
2% CaCl2
¼ #/sk cello flake
Cement yield = 1.18 ft3/sk w/ 5 gal/sk water
Annular volume = 500' * 0.3132 ft3/ft = 156.6 ft3
Excess = 105% (Assumes 18% washout or 14.5" hole diameter)
Total volume w/ excess = 156.6 ft3 * 2.05 = 321.0 ft3
Cement Requirement = 321.0 ft3 / 1.18 ft3/sk = **272 sks**

Production Casing: 0'-5,000'

Lead Cement:

0'-2500'
11.0 ppg Halliburton Hi-Fill (or equivalent)
16% Bentonite (light weight additive)
0.75% Econolite (light weight additive)
10 #/sk gilsonite (lost circulation additive)
0.25 #/sk Flocele (lost circulation additive)
3% salt
1% HR-7 (retarder)
Cement yield = 3.84 ft3/sk w/ 23 gal/sk water

Volume inside surface casing = 500' * 0.2691 ft3/ft = 134.6 ft3
Excess = 0%
Annular volume = 2000' * 0.2526 ft3/ft = 505.2 ft3
Excess = 35%
Annular volume w/ excess = 505.2 ft3 * 1.35 = 682.0 ft3
Total volume = 134.6 + 682.0 = 816.6 ft3
Lead Cement Requirement = 816.6 ft3 / 3.84 ft3/sk = **213 sks**

Tail Cement:

2500'-5000' plus shoe joint
14.35 ppg 50/50 Poz Premium
0.6% Halad® - 322 (Low Fluid Loss Control)
2% Microbond M (Cement Material)
5% Salt
¼ #/sk Flocele (Loct Circulation Additive)
0.2% HR-5 (Retarder)
Cement yield = 1.25 ft3/sk w/ 5.46 gal/sk water
Annular volume = 2500' * 0.2526 ft3/ft = 631.5 ft3
Excess = 50%
Total annular volume w/ excess = 631.5 ft3 * 1.50 = 947.3 ft3
Shoe volume = 45' * 0.1336 ft3/ft = 6.0 ft3
Excess (shoe) = 0%
Total volume w/ excess (incl. shoe) = 947.3 + 6.0 = 953.3 ft3
Tail Cement Requirement = 953.3 ft3 / 1.25 ft3/sk = **763 sks**

Displacement Volume:

4955' * 0.0238 bbl/ft = 117.9 bbls

5. Mud Program (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-2,400'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'-5000'	KCl/Polymer or DAP/Polymer	9.0-9.3 ppg	38-42 sec/qt	8-10cc

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

6. Testing, Logging, Coring

a. Drill stem tests – non anticipated
b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, both from TD to surface

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

October 23, 2006

Miller, Dyer & Co., LLC
475 17th St., Ste. 1200
Denver, CO 80202

Re: Ute Tribal 6-16-14-20 Well, 1846' FNL, 2065' FWL, SE NW, Sec. 16, T. 14 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38506.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: Miller, Dyer & Co., LLC
Well Name & Number Ute Tribal 6-16-14-20
API Number: 43-047-38506
Lease: ML-47502

Location: SE NW **Sec.** 16 **T.** 14 South **R.** 20 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

7. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

8. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47502

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal #6-16-14-20

2. NAME OF OPERATOR: Miller, Dyer & Co. LLC

9. API NUMBER: 4304738506

3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1200 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 292-0949

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1846 FNL 2065 FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit In Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☑ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Miller, Dyer & Co. LLC now plans to drill the subject well to a total depth of 12,400' to test the Wingate formation. The well was originally permitted as a 5,000' Wasatch test. Revised engineering plans and survey plats to reflect the necessary changes are enclosed.

COPY SENT TO OPERATOR
Date: 4-2-07
Initials: RM

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Jeffery H. Lang TITLE Vice President of Operations

SIGNATURE DATE 3/23/2007

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3/30/07
BY:

(See Instructions on Reverse Side)

RECEIVED
MAR 26 2007
DIV. OF OIL, GAS & MINING

(5/2000)

DRILLING PLAN
MILLER, DYER & CO. LLC

UTE TRIBAL #6-16-14-20
SENW Section 16 T14S-R20E

1. Estimated Formation Tops

Estimated Formation Tops:	MD	
Green River	Surface	
Wasatch	3,426"	Oil and/or gas anticipated > 3,000'
Mesaverde	4,574'	Gas
Castlegate Sandstone	6,468'	Gas
Mancos Shale	6,752'	Gas
Dakota Sandstone	10,625'	Gas
Cedar Mountain	10,688'	Gas
Morrison	10,914'	Gas
Curtis	11,441'	Gas
Entrada Sandstone	11,520'	Gas
Carmel	11,874'	Gas
Wingate	11,994'	Gas
TD	**12,400'**	

2. Pressure Control Equipment

Schematic attached (Diagram "A")

Blow Out Preventer (BOP) will be equipped as follows:

A. Type: Eleven (11) inch double gate hydraulic 3,000 psi BOP plus a 3000 psi annular preventer mounted on a 3,000 psi casinghead.
   a. One set of blind rams (above)
   b. One set of pipe rams (below)
   c. Appropriate fill, kill and choke lines will be 3,000 psi working pressure

Note: The calculation of maximum anticipated surface pressure is detailed in Section 7. This calculation is based on the maximum anticipated bottom-hole pressure and a partially evacuated hole. According to this calculation, a 3000 psi BOP and annular preventer will be sufficient to drill this well safely. However, depending on the actual rig contracted for this well, a 5000 psi system may come with the rig. If so, all testing will be done to 5000 psi specifications.

B. Auxiliary Equipment:
Auxiliary equipment to include upper Kelly cock with a handle, a floor safety valve with subs to fit all drill string connections in use, and a string float valve.

C. Pressure Rating: 3,000 psi WP

D. Testing Procedure:

Hydraulic Ram-Type BOP

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack of 3,000 psi. This pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1) when the BOP is initially installed,
2) whenever any seal subject to test pressure is broken,
3) following related repairs, and
4) at thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but no more than once each day.

E. Choke Manifold Equipment:
All choke lines will be straight lines; turns will use tee blocks, or targeted running tees, and will be anchored to prevent whip and vibration. The manifold will have two (2) manual chokes and a pressure gauge.

F. Accumulator:
The accumulator will have sufficient capacity to open the hydraulically controlled choke line valve, if so equipped, close all rams plus the annular BOP, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity, and the fluid level of the reservoir will be maintained to the manufacturer's recommendations.

G. Miscellaneous Information:
The choke manifold and BOP ram extensions rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least 25 feet from the well head, but readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend on the layout of the particular rig contracted to drill this well.

A flare line will be installed from the choke manifold to a flare pit, extending a minimum of 100 feet from the center of the drill hole.

The BOP and related pressure control equipment will be installed, tested and maintained in compliance with the specifications and requirements of the Onshore Oil and Gas Order Number 2.

3. **Auxiliary Equipment**

a. Kelly cock – Yes
b. Float sub at bit – No
c. Mud logger & instrumentation – Yes
d. Full-opening safety valve on rig floor – Yes
e. Rotating head – No

4. **Casing Program**

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.	Thread
Conductor	40'	26"	20"	Conductor	0.250" wall	
Surface	3,200'	12-1/4"	9-5/8"	J-55	36#	LTC
Production	0'-1,750	8-3/4"	5-1/2"	N-80	17#	Buttress
	1,750'-10,400'	8-3/4"	5-1/2"	N-80	17#	LTC
	10,400'-12,400'	8-3/4"	5-1/2"	P-110	17#	LTC

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

Cement Program

Conductor Casing: 0'-40'

Ready Mix to surface

Surface Casing: 0' – 3200'

Lead Cement:
0'-2700'
11.0 ppg Premium Lite II cement
10% bwoc Bentonite
0.5% bwoc Sodium Metasilicate
5 #/sk Kol Seal
0.25 #/sk Cello Flake

3% bwow Potassium Chloride
Cement yield = 3.38 ft3/sk w/ 20.5 gal/sk water
Annular volume (in open hole) = 2660' * 0.3132 ft3/ft = 833.1 ft3
Excess = 75%
Total volume (open hole) w/ excess = 833.1 ft3 * 1.75 = 1457.9 ft3
Annular volume (in conductor) = 40' * 1.5687 ft3/ft = 62.7 ft3
Excess = 0%
Total volume (open hole & conductor) = 1521 ft3

Lead Cement Requirement = 1521 ft3 / 3.38 ft3/sk = **450 sks**

Tail Cement:

2700'-3200' plus shoe joint
15.8 ppg Class G
2% bwoc Calcium Chloride
0.25 #/sk Cello Flake
Cement yield = 1.17 ft3/sk w/ 5 gal/sk water
Annular volume (in open hole) = 500' * 0.3132 ft3/ft = 156.6 ft3
Excess = 75%
Total volume (open hole) w/ excess = 156.6 ft3 * 1.75 = 274.1 ft3
Shoe volume = 40' * 0.4341 ft3/ft = 17.4 ft3
Excess (shoe) = 0%
Total volume (open hole & shoe) = 313.2 + 19.5 = 291 ft3

Tail Cement Requirement = 291 ft3 / 1.17 ft3/sk = **249 sks**

Displacement Volume:

3160' * 0.0773 bbl/ft = 244.3 bbls

Top Out Cement:

0-200' (displaced down backside w/ 1" string)
15.8 ppg Class G
2% bwoc Calcium Chloride
0.25 #/sk Cello Flake
Cement yield = 1.17 ft3/sk w/ 5 gal/sk water
Annular volume = 200' * 0.3132 ft3/ft = 62.6 ft3
Excess = 100%
Total volume w/ excess = 62.6 ft3 * 2.0 = 125.2 ft3
Top Out Cement Requirement = 125.2 ft3 / 1.17 ft3/sk = **107 sks**

Production Casing: 0'-12,400' (DV Tool @ 10,000')

Stage 1

Cement:

10,000'-12,400'
13.0 ppg Premium Lite II High Strength cement (or equivalent)
0.05 #/sk Static Free
0.8% bwoc R-3

3% bwow Potassium Chloride
0.25 #/sk Cello Flake
0.9% bwoc FL-25
1 gal / 100 sk FP-6L
0.25% bwoc Silica Flour
0.2% bwoc BA-59
Cement yield = 2.34 ft3/sk w/ 11.85 gal/sk water
Annular volume = 2400' * 0.2526 ft3/ft = 606.2 ft3
Excess = 25%
Total volume w/ excess = 606.2 ft3 * 1.25 = 757.8 ft3
Shoe volume = 40' * 0.1305 ft3/ft = 5.2 ft3
Excess (shoe) = 0%
Total volume w/ excess (incl. shoe) = 757.8 + 5.2 = 763 ft3
Stage 1 Cement Requirement = 763 ft3 / 2.34 ft3/sk = **326 sks**

Displacement Volume:
(12,400'-40') * 0.0232 bbl/ft = 286.8 bbls

Stage 2 (DV tool to 500' inside surface casing)
Lead Cement:
2,700'-9,384'
11.2 ppg Premium Lite II cement (or equivalent)
3 #/sk CSE
0.3% bwoc R-3
3% bwow Potassium Chloride
10% bwoc Bentonite
0.2% bwoc Sodium Metasilicate
Cement yield = 3.15 ft3/sk w/ 19 gal/sk water
Volume inside surface casing = 500' * 0.2691 ft3/ft = 134.6 ft3
Excess = 0%
Annular volume = 6184' * 0.2526 ft3/ft = 1562.1 ft3
Excess = 25%
Annular volume w/ excess = 1562.1 ft3 * 1.25 = 1952.6 ft3
Total volume = 134.6 + 1952.6 = 2087 ft3
Lead Cement Requirement = 2087 ft3 / 3.15 ft3/sk = **663 sks**

Tail Cement:
9,384' – 10,000'
13.0 ppg Premium Lite II High Strength cement (or equivalent)
0.05% bwoc Static Free
0.4% bwoc R-3
3% bwow Potassium Chloride
0.9% bwoc FL-25
1 gal / 100 sk FP-6L
0.2% bwoc Sodium Metasilicate
0.2% bwoc BA-59
Cement yield = 1.94 ft3/sk w/ 10 gal/sk water
Annular volume = 616' * 0.2526 ft3/ft = 155.6 ft3
Excess = 25%

Annular volume w/ excess = 155.6 ft3 * 1.25 = 194 ft3
Tail Cement Requirement = 100 sks

Displacement Volume:
10,000' * 0.0232 bbl/ft = 232 bbls

5. **Mud Program** (visual monitoring)

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0'-2,400'	Water/Gel/Lime/Native Clays	8.3-8.6 ppg	33-36 sec/qt	N/C
2,400'-12,400'	KCl/Polymer or DAP/Polymer	9.0-9.3 ppg	38-42 sec/qt	8-10cc

Sufficient mud materials to maintain mud properties, control lost circulation, contain a "gas" kick, and rebuild an active mud system will be available on location during drilling operations.

6. **Testing, Logging, Coring**
   a. Drill stem tests – non anticipated
   b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
   c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

7. **Anticipated Bottom Hole Pressure and Temperature, and other Potential Hazards**

A. Bottom Hole Pressure:

Maximum anticipated bottom hole pressure is 4,340 psi (calculated at 0.35 psi/ft. at the 12,400' (TVD) level of the Wingate). This pressure gradient was calculated from a bottom hole pressure buildup tests conducted on four separate wells located in Section 29, T14S-R20E. These wells are the closest wells to the subject well completed in the same deep zones. Therefore the maximum anticipated surface pressure is 1,612 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

B. Bottom Hole Temperature:

The bottom hole temperature anticipated in this wellbore is approximately 230 degrees Fahrenheit at 12,400' TVD. This anticipated temperature is consistent with the temperatures encountered in the other four deep wells drilled in this area.

C. Abnormal Pressures or Temperatures:

As demonstrated above, no abnormal pressures or temperatures are anticipated in this well.

D. Potential Hazards:

No hydrogen sulfide (H_2S) gas or other potential hazards have been encountered or are known to exist in any well drilled to similar depths in the general area.

8. Anticipated Starting Date and Duration

Spud Date: Upon governmental approval and drilling rig availability

Duration of Operations:

1) Drilling: Approximately 40 days.
2) Completion: Approximately 30 days

Drilling Notification:

Twenty-four (24) hours prior to spudding the well, Carol Daniels at the Division of Oil, Gas and Mining for the State of Utah will be notified of our intentions to commence operations, unless otherwise instructed in the site specific conditions of approval.

SURFACE USE PLAN
MILLER, DYER & CO. LLC

UTE TRIBAL 6-16-14-20
SENW Section 16 T14S-R20E

1. Existing Roads:
   a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road . The Flat Rock Mesa Road then continues 3.2 miles to the Flat Rock Field.
   b. Topographic Map "B" shows the point approximately 55 miles south of Ouray where the access road to the well departs from the Flat Rock Mesa Road. Beyond this point the access road consists of 0.7 mile of existing lease road leading to an existing well pad in the NENE of Section 29-R14E-R20E. Four miles of new road trending North will lead to a 4,110' access road for the Ute Tribal 6-16-14-20 location.

2. Planned Access Road: (refer to Topographic Map "D")
   a. Length of new road will be approximately 4110 feet.
   b. The right-of-way width is 30' (15' on either side of the centerline) with a 20-foot wide running surface.
   c. Maximum grade will be less than 2%
   d. No turn-outs are planned.
   e. The new road will be crowned, ditched and dipped to provide adequate drainage.
   f. Culverts will be used if necessary.
   g. No gates are cattle guards will be needed. Nor will any existing facilities be modified.
   h. The proposed road was flagged when the location was staked.
   i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:
   a. The nearest producing well is the Flat Rock #3-29-14-20, located approximately 2.5 miles southwest of the proposed well location in Section 29-T14S-R20E.

4. Location of Existing and/or Proposed Facilities:
   a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.

5. Location and Type of Water Supply:
   a. Miller, Dyer & Co. existing water supply well the Ute Tribal 30-4A, located in the NENW Section 30-T14S-R20E on Indian surface has been approved by the Ute Indian Tribe. The existing BIA water permit number for the well is #14-20-H62-5069.
   b. Some produced water from existing wells may be used for drilling. Fresh water may also be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
   c. Water will be transported by truck on the Agency Draw and Flat rock Mesa roads.

6. Source of Construction Materials:
   a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
   b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
   c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.

7. Methods for Handling Waste Disposal:
   a. Methods and locations for safe containment and disposal of the following materials:
      1. Drill cuttings will be buried in the reserve pit.
      2. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill. There will be no burning of trash on the location at any time.
      3. Salts will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      4. Chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
      5. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.

   b. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.

c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater that 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, of this well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

d. Reserve pit and waste water disposal:
    1. The reserve pit will be constructed so as not to lead, break, or allow the discharge of fluids.
    2. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.
    3. The closure of the reserve pit will follow the Guidance for Reserve Pit Closure as found in the Environmental Handbook of the State of Utah, Division of Oil, Gas & Mining.
        a) The reserve pit will be closed within one year following drilling and completion of a well (R649-16.3).
        b) Liquid in a pit will be allowed to either evaporate or be removed. If removed, it will be disposed of properly, some options are injection (in this well or another), hauled to a permitted disposal facility, or re-used at another well.
        c) The pit liner may be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material will be exposed at the surface when pit closure is complete. Pit area will be mounded so as not to allow ponding of water and drainage diverted around as not to allow erosion of the old pit site.
    4. A closed drilling system will not be used as there is no irrigable land, floodplains, or lands under crop production.
    5. In accordance with Onshore Order No. 7, a permanent disposal method and location will be applied for within 90 days of establishing production.
    6. After first production:
        a) Produced waste water will be confined to the reserve pit, or a storage tank for a period not to exceed 90 days.
        b) During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis will be submitted to the authorized officer.

c) No produced water will be used for dust or weed control of any kind. Should spills of oil, produced water, or hazardous materials occur, the area of the spill will be re-mediated and contaminated soil and recovered oil or hazardous materials will be hauled to an approved disposal facility.

8. Ancillary Facilities:
   a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.

9. Well Site Layout:
   a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
   b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
   c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.

10. Plans for Restoration of the Surface:
   a. Producing well location
      1. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
      2. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
      3. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
      4. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
      5. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.

   b. Dry Hole/Abandoned Location
      1. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.

11. Surface Ownership:
    a. Access roads and location are held in trust for the Ute Indian Tribe by the Unites States. The operator has obtained a right-of-way with the BIA and submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:
    a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
        1. Whether the materials appear to be eligible for the National Register of Historic Places;
        2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
        3. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

    b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
    c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

13. Lessee's or Operator's Representative and Certification:
    a. Jeff Lang, Vice President of Operations
    Miller, Dyer & Co. LLC
    475 17th Street, Suite 1200
    Denver, CO 80202
    Office: 303 292 0949 Ext 102
    FAX: 303 292 3901
    Cell: 303 503 3730
    Email: jeff@millerdyer.com

I hereby certify that I have inspected the proposed drill site and access road; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the

operations proposed here will be performed by Miller, Dyer & Co. LLC, and its contractors an subcontractors in conformity with the plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #8-16-14-20 well; SENE of Section 16, T14S-R20E and all producing zones; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit.

3/23/07
Date

Jeff Lang
Vice President of Operations

The onsite inspection for this well was conducted on _____, 2006

Participants in the onsite inspection were:
Kolby Kay, Timberline Land Surveying
John E. Dyer, Miller, Dyer & Co. LLC
_____ Ute Indian Tribe
_____ Ute Indian Tribe
_____ (contractor....)
_____ BIA rep
_____ State of Utah rep

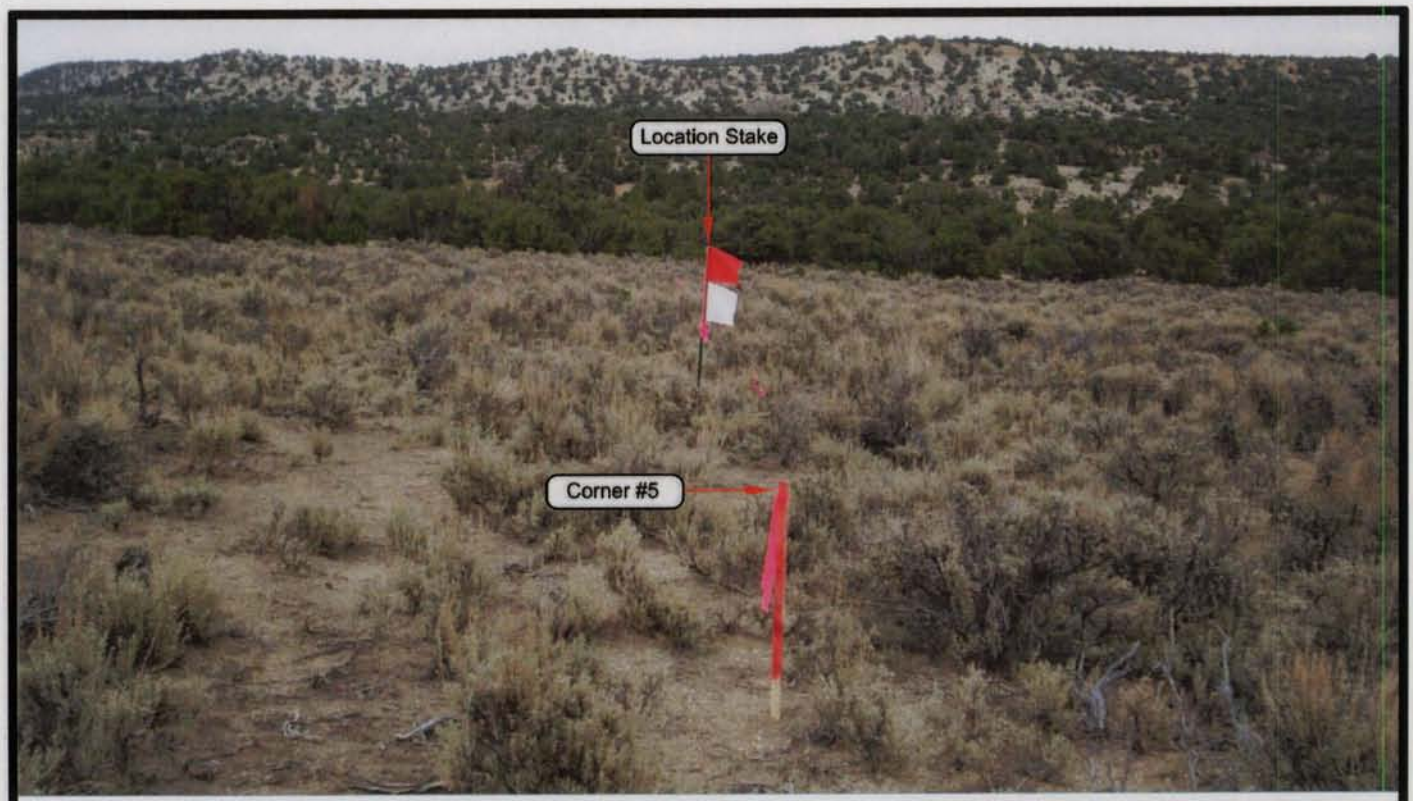


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE CAMERA ANGLE: NORTHEASTERLY

PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD CAMERA ANGLE: SOUTHWESTERLY

MILLER, DYER & CO. LLC

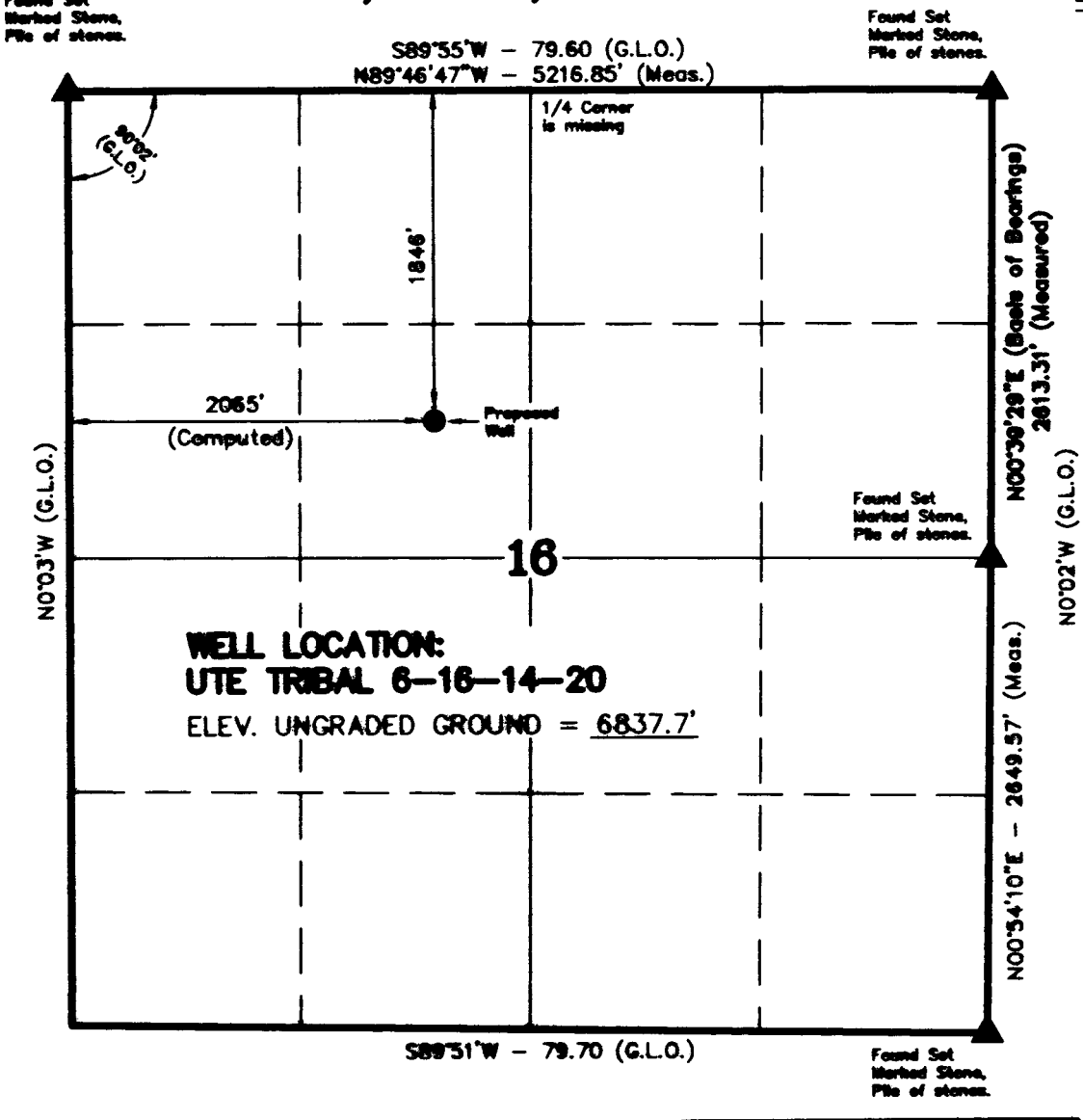
Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

LOCATION PHOTOS		DATE TAKEN: 07-17-06
		DATE DRAWN: 07-20-06
TAKEN BY: M.S.B.	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

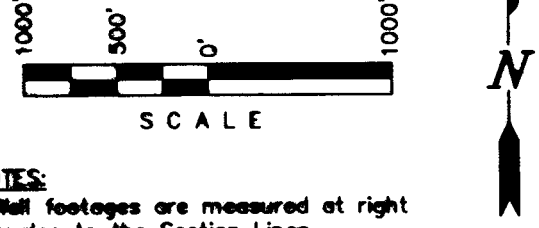
SHEET 1 OF 10

T14S, R20E, S.L.B.&M.



MILLER, DYER & CO. LLC

WELL LOCATION, UTE TRIBAL 6-16-14-20, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The proposed well bears S47°58'40"E 2768.82' from the Northwest Corner of Section 16.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 6028691
STATE OF UTAH

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

UTE TRIBAL 6-16-14-20
(Proposed Well Head)
NAD 83 Autonomous
LATITUDE = 39° 36' 05.29"
LONGITUDE = 109° 41' 06.37"

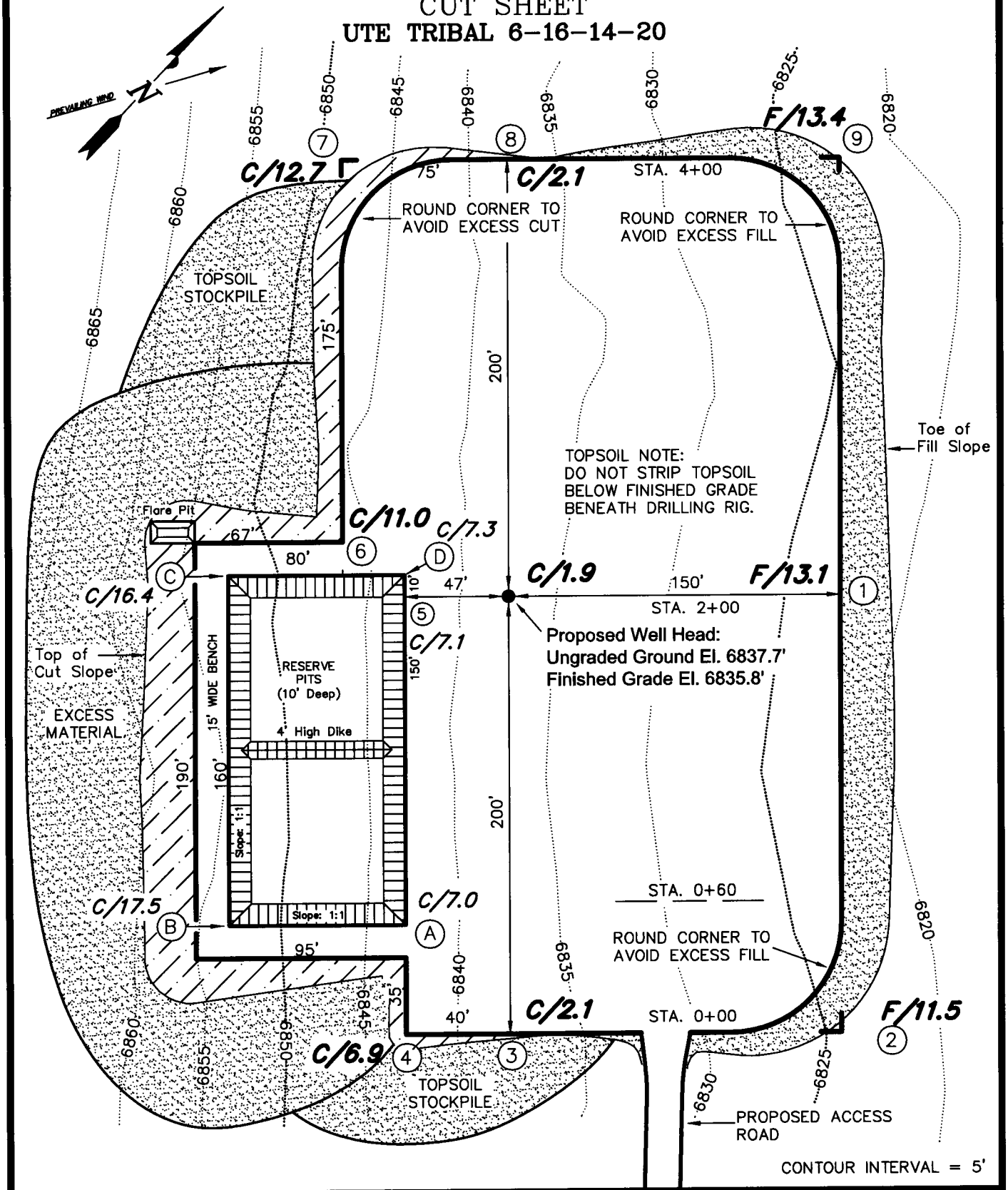
TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 07-17-06	SURVEYED BY: K.R.K.	SHEET 2 OF 10
DATE DRAWN: 07-20-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

MILLER, DYER & CO. LLC

CUT SHEET

UTE TRIBAL 6-16-14-20

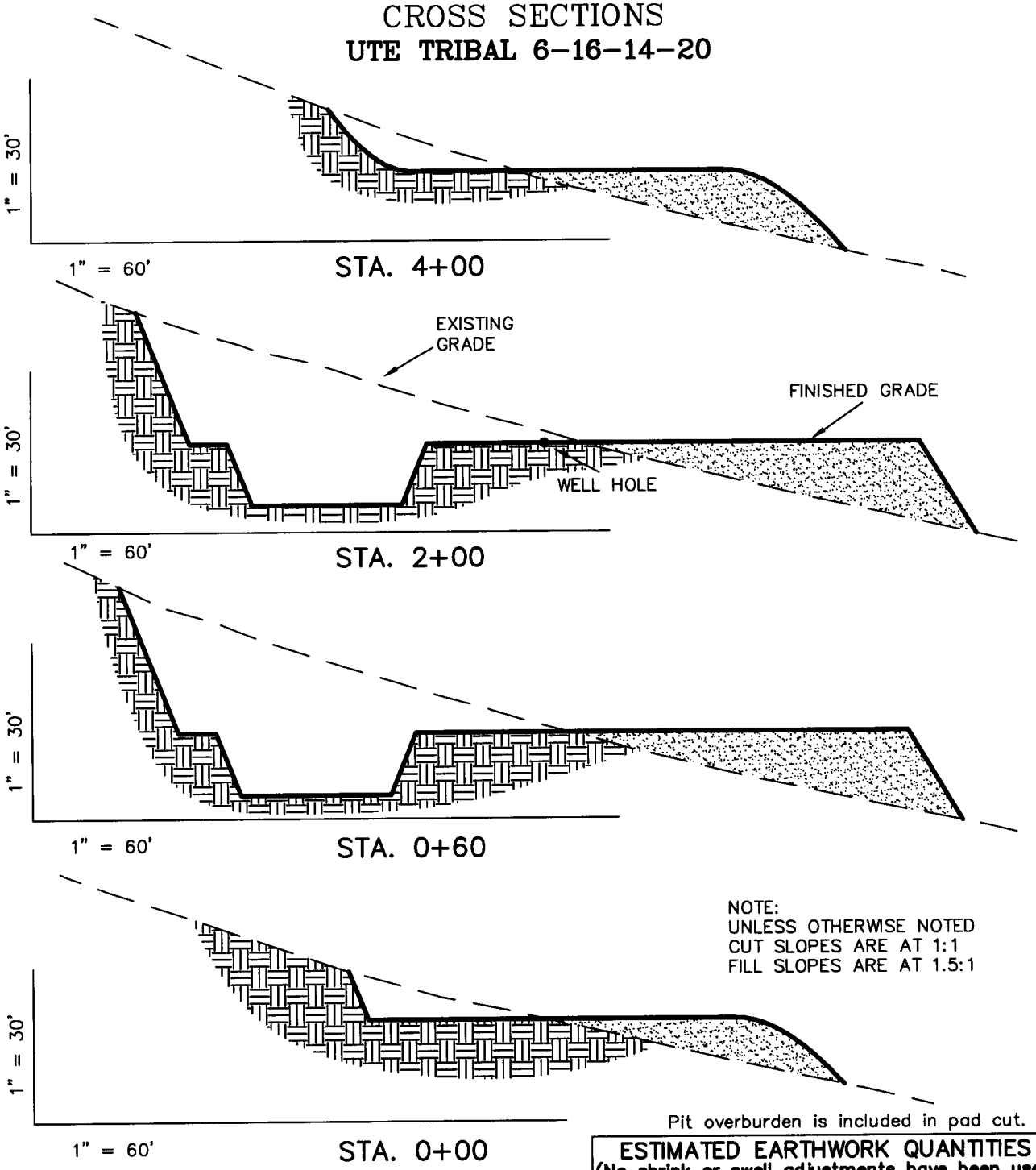


Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL		
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision: 03-12-07	Timberline Land Surveying, Inc. (435) 789-1365	SHEET 3 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 60'	38 WEST 100 NORTH VERNAL, UTAH 84078	

MILLER, DYER & CO. LLC

CROSS SECTIONS

UTE TRIBAL 6-16-14-20



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES
(No shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	15,750	15,750	Topsoil is not included in Pad Cut	0
PIT	3,850	0		3,850
TOTALS	19,600	15,750	1,880	3,850

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

REFERENCE POINTS

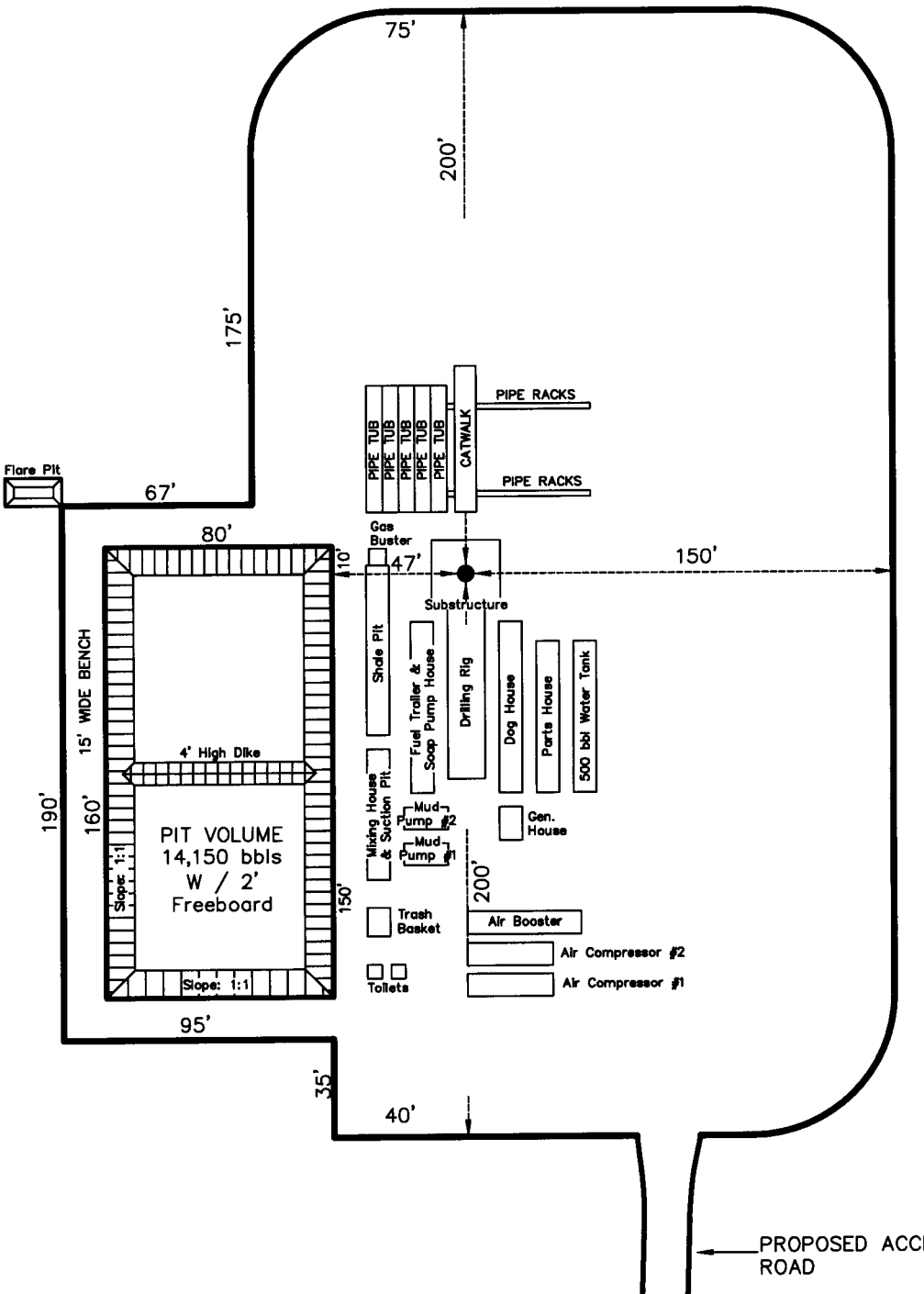
185' NORTHEASTERLY = 6819.5'
235' NORTHEASTERLY = 6815.5'
275' NORTHWESTERLY = 6837.2'
330' NORTHWESTERLY = 6840.2'

Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL		
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision: 03-12-07	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 4 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 60'		

MILLER, DYER & CO. LLC

TYPICAL RIG LAYOUT

UTE TRIBAL 6-16-14-20

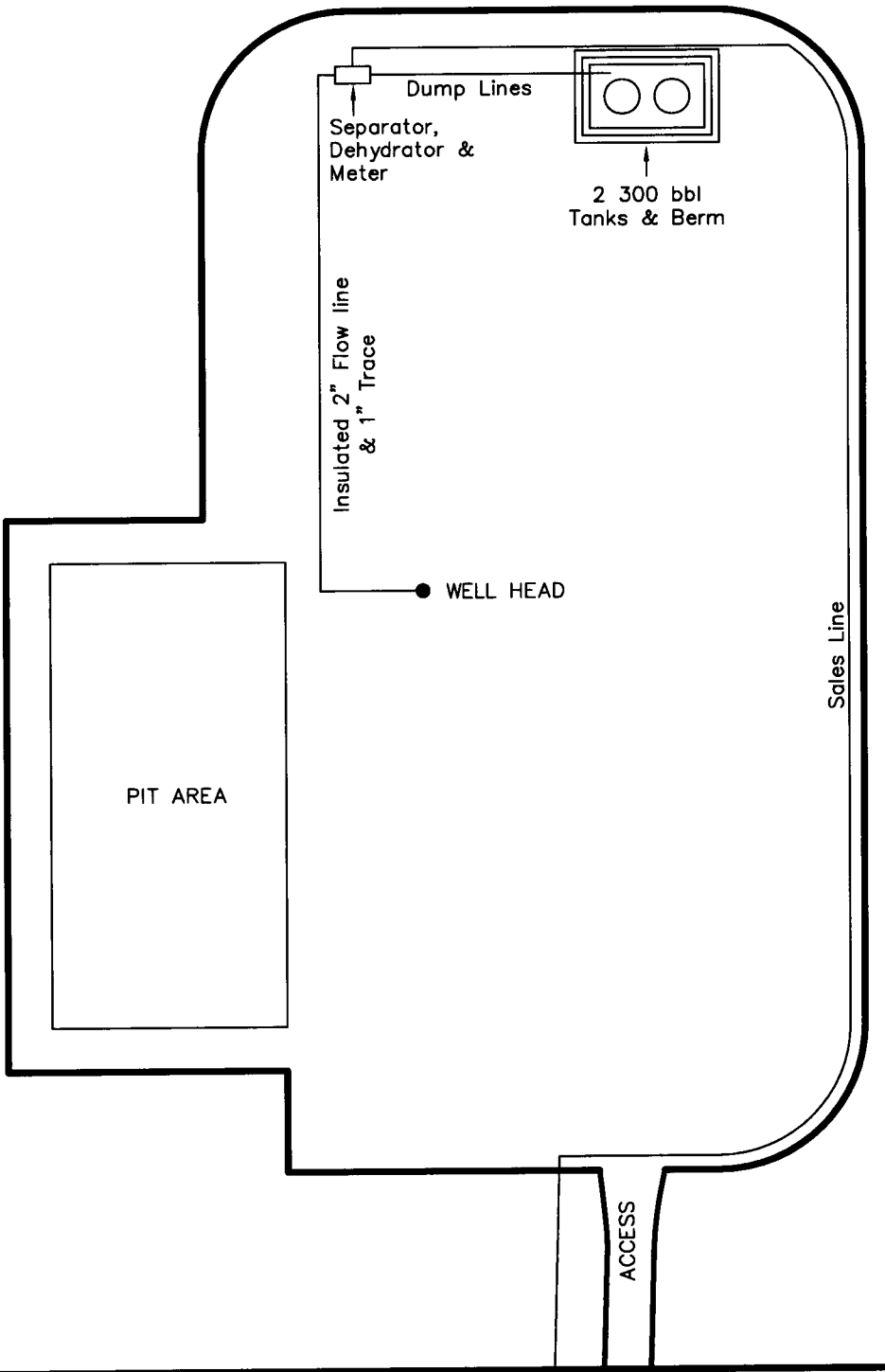


Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL		
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision: 03-12-07	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 5 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 60'		

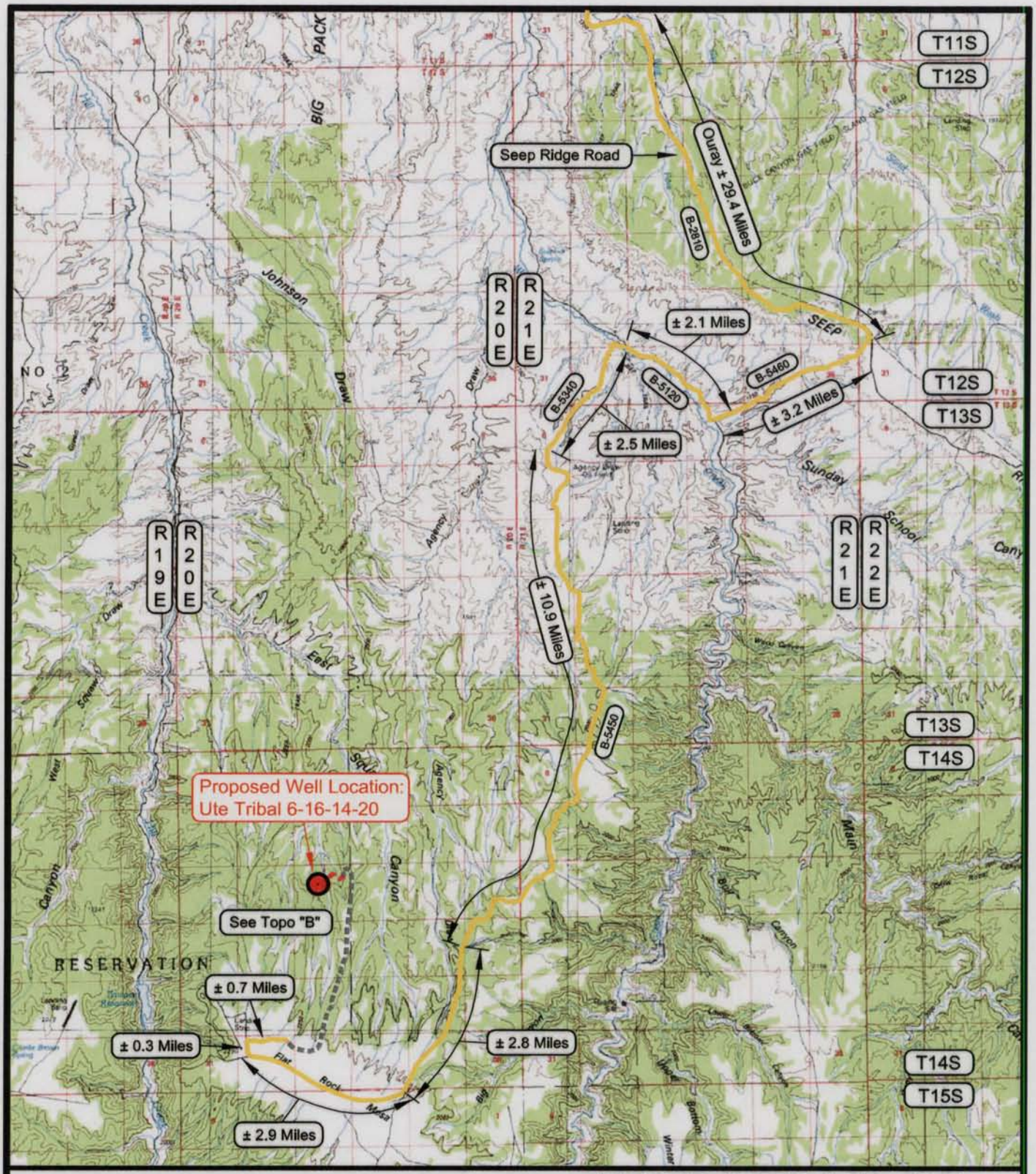
MILLER, DYER & CO. LLC

TYPICAL PRODUCTION LAYOUT

UTE TRIBAL 6-16-14-20



Section 16, T14S, R20E, S.L.B.&M.	Qtr/Qtr Location: SE NW	Footage Location: 1846' FNL & 2065' FWL		
Date Surveyed: 07-17-06	Date Drawn: 07-20-06	Date Last Revision: 03-12-07	Timberline Land Surveying, Inc. (435) 789-1365 38 WEST 100 NORTH VERNAL, UTAH 84078	SHEET 6 OF 10
Surveyed By: M.S.B..	Drawn By: M.W.W.	Scale: 1" = 60'		



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)

B-5460 = COUNTY ROAD CLASS & NUMBER

N

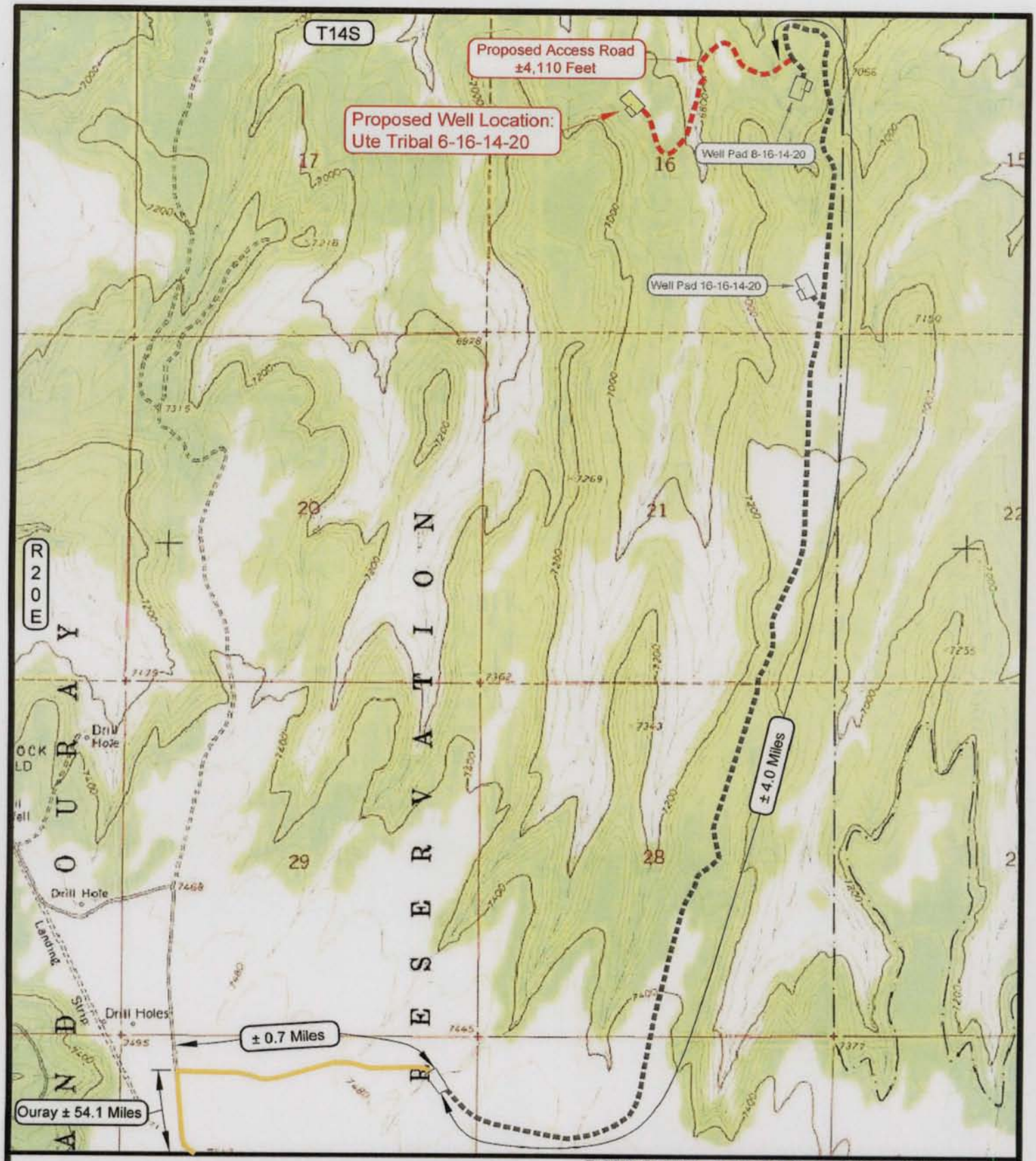
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "A"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1:150,000	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 7 OF 10



LEGEND

PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELL
= EXISTING ROAD
= EXISTING ROAD (TO BE IMPROVED)
B-5460 = COUNTY ROAD CLASS & NUMBER
= LEASE LINE AND / OR PROPERTY LINE

N

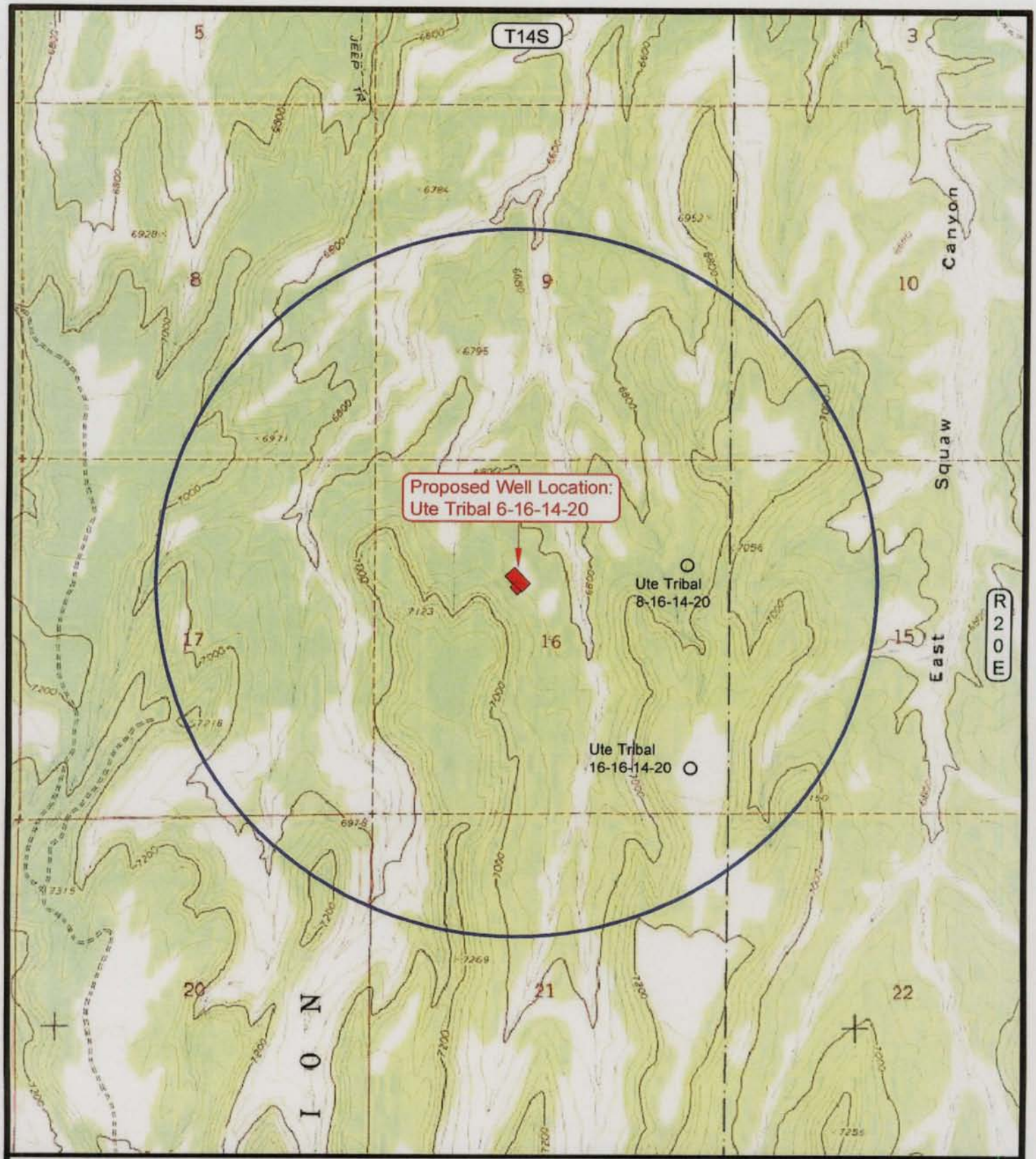
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "B"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 8 OF 10



LEGEND

- ∅ = DISPOSAL WELL
- ● = PRODUCING WELL
- ● = SHUT IN WELL
- ○ = PROPOSED WELL
- ∅ = WATER WELL
- ● = ABANDONED WELL
- ● = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

N

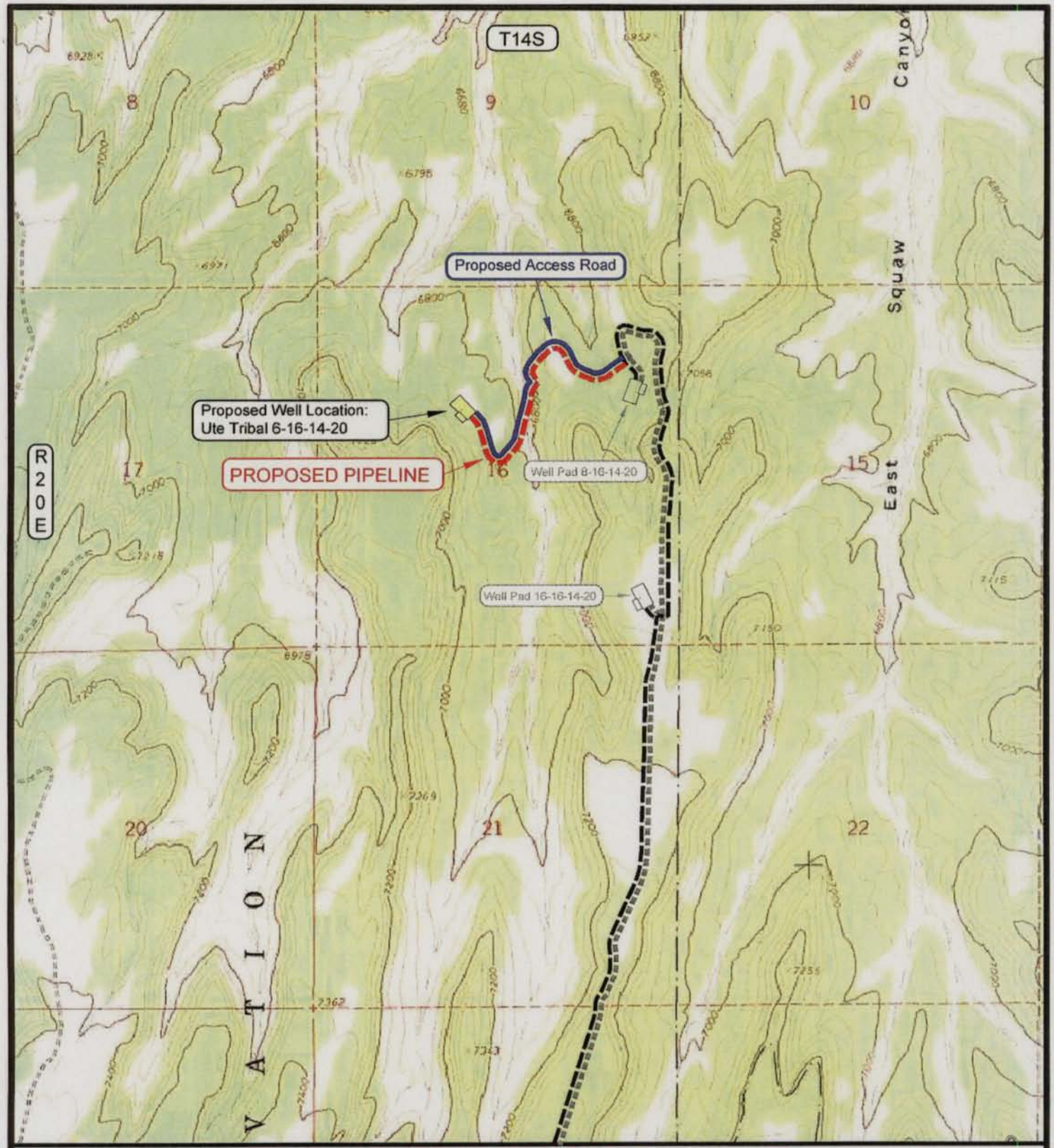
MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

TOPOGRAPHIC MAP "C"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 9 OF 10



APPROXIMATE PIPELINE LENGTH = ±4,110 Feet

LEGEND

= PROPOSED PIPELINE
= OTHER PIPELINE
PROPOSED ACCESS ROAD
= SUBJECT WELL
= OTHER WELLS
= LEASE LINE AND / OR PROPERTY LINE

N

MILLER, DYER & CO. LLC

Ute Tribal 6-16-14-20
SECTION 16, T14S, R20E, S.L.B.&M.
1846' FNL & 2065' FWL

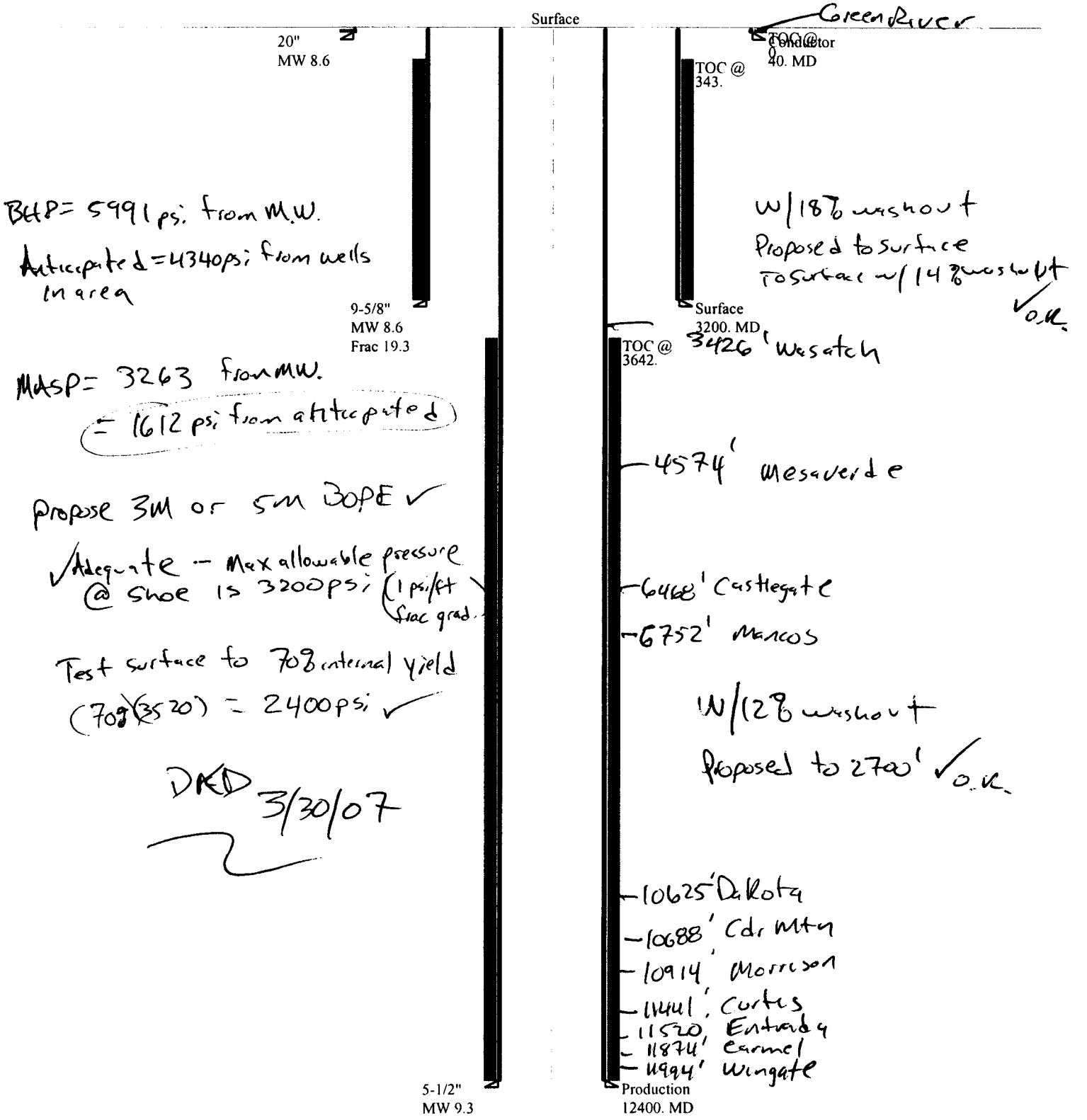
TOPOGRAPHIC MAP "D"		DATE SURVEYED: 07-17-06
		DATE DRAWN: 07-20-06
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET 10 OF 10

08-06 Miller Dyer Ute Tribal 6-16-14-20rev.

Casing Schematic



BHP = 5991 psi. from M.W.

Anticipated = 4340psi from wells in area

MASP = 3263 from MW.

= 1612 psi from anticipated

Propose 3M or 5M BOPE ✓

✓Adequate -- Max allowable pressure @ shoe is 3200psi (1 psi/ft frac grad.)

Test surface to 70% internal yield

(70%)(3520) = 2400psi ✓

DKD 3/30/07

W/18% washout

Proposed to surface

To surface w/14% washout ✓ O.K.

W/12% washout

Proposed to 2700' ✓ O.K.

Well name:	**08-06 Miller Dyer Ute Tribal 6-16-14-20rev.**
Operator:	**Miller, Dyer & Co., LLC**
String type:	Production
Project ID:	43-047-38506
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,263 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,991 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 10,651 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 249 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 3,642 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
3	1800	5.5	17.00	N-80	Buttress	1800	1800	4.767	234.9
2	8600	5.5	17.00	N-80	LT&C	10400	10400	4.767	1122.5
1	2000	5.5	17.00	P-110	LT&C	12400	12400	4.767	261.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
3	870	5435	6.250	3659	7740	2.12	181	397	2.19 B
2	5024	6273	1.249	5551	7740	1.39	150	348	2.31 J
1	5991	7480	1.249	5991	10640	1.78	4	445	99.99 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals
Phone: 801-538-5281
FAX: 801-359-3940
Date: March 30,2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 12400 ft, a mud weight of 9.3 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**08-06 Miller Dyer Ute Tribal 6-16-14-20rev.**
Operator:	**Miller, Dyer & Co., LLC**
String type:	Surface
Location:	Uintah County

Project ID:
43-047-38506

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,496 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,200 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 2,793 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 120 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 300 ft

Cement top: 343 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 12,400 ft
Next mud weight: 9.300 ppg
Next setting BHP: 5,991 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,200 ft
Injection pressure: 3,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	3200	9.625	36.00	J-55	LT&C	3200	3200	8.796	1389

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1430	2020	1.413	3200	3520	1.10	101	453	4.51 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals
Phone: 801-538-5281
FAX: 801-359-3940
Date: March 30,2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3200 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50734 (previously ML-47502)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Ute Tribal #6-16-14-20
9. API NUMBER: 4304738506
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER ____

2. NAME OF OPERATOR: Miller, Dyer & Co. LLC

3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 292-0949

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1846' FNL, 2065' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☑ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Miller, Dyer & Co. LLC now plans to drill the subject well to a bottom hole location of 2450' FNL, 1660' FWL, Section 16, T14S, R20E. The surface location remains unchanged. Attached is the request for permission to drill a directional well, and the request for administrative approval of our exception location. Also enclosed is a plat showing the revised bottom hole location.

612827X 39.599875
4383944Y -109.686210

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-26-07
By: [signature]

RECEIVED
JUN 21 2007
DIV. OF OIL, GAS & MINING

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Jeffrey H. Lang TITLE Vice President of Operations

SIGNATURE [signature] DATE 6/20/2007

(This space for State use only)

6-29-07
RM

(5/2000) (See Instructions on Reverse Side)

MILLER
DYER & CO. LLC

475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

June 20, 2007

Ms. Diana Mason
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling R649-3-11
Ute Tribal #6-16-14-20 1846' FNL, 2065' FWL (surface)
2450' FNL, 1660' FWL (bottom hole)
Section 16, T14S R20E
Uintah County, Utah
API: 43-047-38506
State Lease # ML-50734 (previously ML-47502)

Dear Ms. Mason,

Pursuant to the filing of Miller, Dyer & Co. LLC's Application for Permit to Drill regarding the above referenced well on March 23, 2007, we are hereby submitting this letter in accordance the Oil & Gas Conservation rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- The Ute Tribal #6-16-14-20 is located on State Lease #ML-50734
- Miller, Dyer & Co. LLC is permitting this well as a direction a well in order to minimize surface disturbance by utilizing our existing location. We have revised our targeted bottom hole location based on a new seismic interpretation.
- Furthermore Miller, Dyer & Co. LLC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and the entirety of Section 16 (state lease #ML-50734).

Therefore, based on the above stated information, Miller, Dyer & Co. LLC requests the permit be granted pursuant to R649-3-11.

Respectfully Submitted,
MILLER, DYER & CO. LLC

Jeffrey H. Lang
Vice President of Operations

MILLER
DYER & CO. LLC

475 Seventeenth Street, Suite 1200
Denver, Colorado 80202
P: 303-292-0949
F: 303-292-3901

June 20, 2007

Ms. Diana Mason
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location
Ute Tribal #6-16-14-20
Section 16, T14S R20E
Uintah County, Utah
API: 43-047-38506
State Lease # ML-50734 (previously ML-47502)

Dear Ms. Mason:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGM") for a permit to drill the following well:

Ute Tribal #6-16-14-20
Surface location: 1846' FNL, 2065' FWL
Bottom hole location: 2450' FNL, 1660' FWL
SE/NW Section 16, T14S R20E,
Uintah County, Utah
Record Title Owner: Chicago Energy Associates, LLC
Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

The Ute Tribal #6-16-14-20 bottom hole location is approximately 270' to the south and 120' to the west of the 400' drilling window centered in the 40-acre drilling unit designated as the SE/NW of Section 16. The well will be directionally drilled to minimize surface disturbance by utilizing our existing location. The targeted bottom hole location represents the most optimal location to test the Entrada formation according to our recently interpreted seismic information.

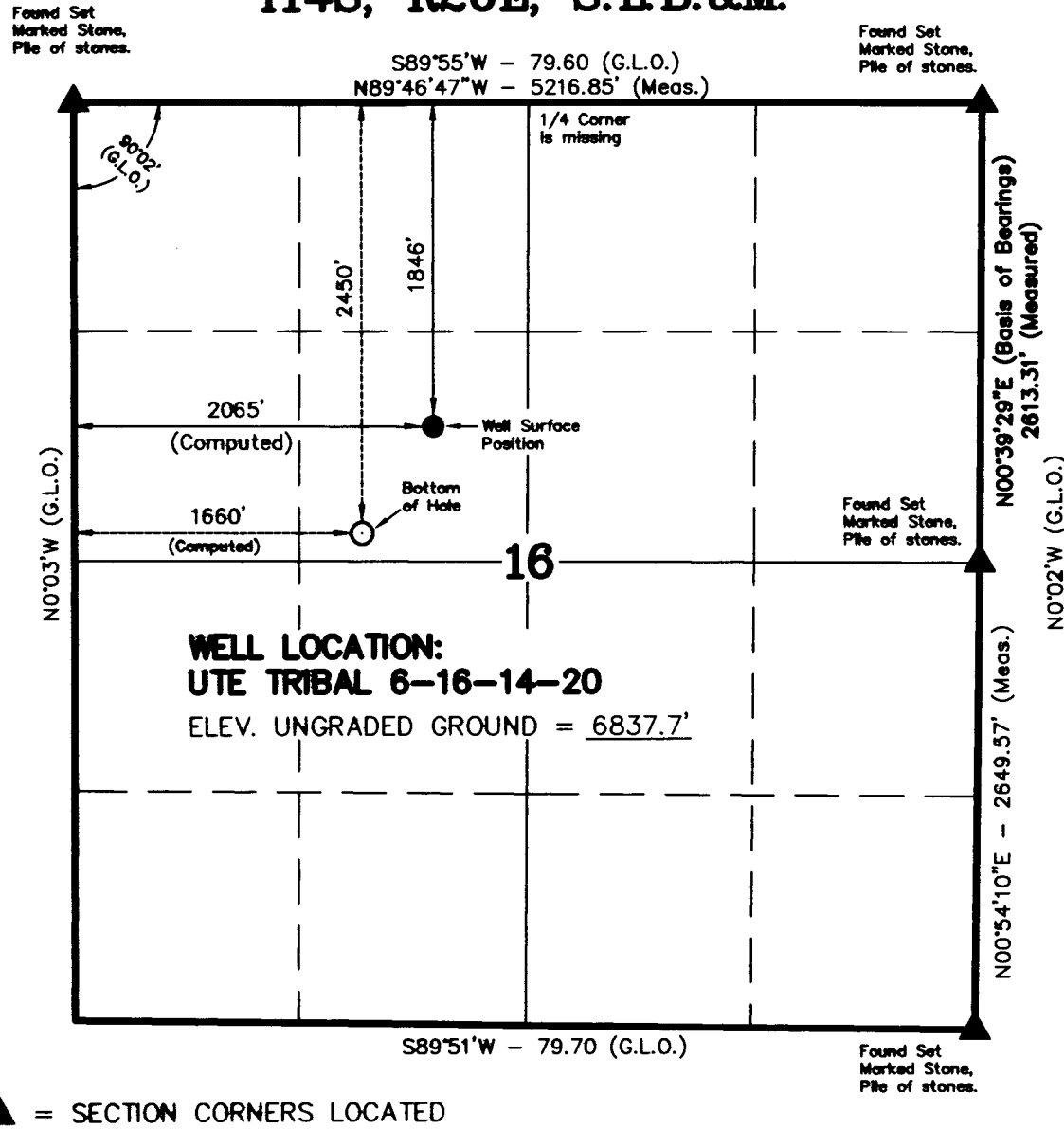
Chicago Energy Associates, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of directly and diagonally offsetting drilling units of the proposed well location.

Miller-Dyer and Chicago Energy Associates, LLC respectfully requests an administrative approval by the division of an exception location for the above referenced well.

Yours truly,
MILLER, DYER & CO. LLC

Jeffrey H. Lang
Vice President of Operations

T14S, R20E, S.L.B.&M.



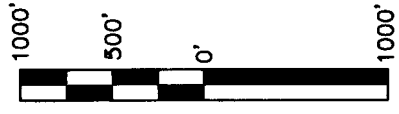
▲ = SECTION CORNERS LOCATED

UTE TRIBAL 6-16-14-20
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 35' 59.33"
LONGITUDE = 109° 41' 11.57"

UTE TRIBAL 6-16-14-20
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 36' 05.29"
LONGITUDE = 109° 41' 06.37"

MILLER, DYER & CO. LLC

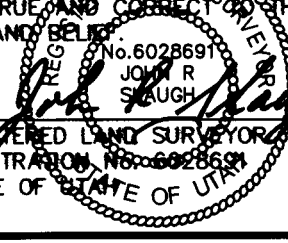
WELL LOCATION, UTE TRIBAL 6-16-14-20, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 16, T14S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The proposed surface position bears S47°58'40"E 2768.82' from the Northwest Corner of Section 16.
4. The proposed bottom hole bears S34°04'27"W 727.81' from the surface position
5. BASIS OF ELEVATION IS BENCH MARK 60 WF 1952 LOCATED IN THE SW 1/4 OF SECTION 35, T14S, R20E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE FLAT ROCK MESA 7.5 MIN. QUADRANGLE AS BEING 7363'.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. – VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 07-17-06	SURVEYED BY: K.R.K.	SHEET 2 OF 10
DATE DRAWN: 07-20-06	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 06-18-07	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **MILLER, DYER & CO, LLC**

Well Name: **UTE TRIBAL 6-16-14-20**

Api No: **43-047-38506** Lease Type: **STATE**

Section **16** Township **14S** Range **20E** County **UINTAH**

Drilling Contractor **PATTERSON** RIG # **180**

SPUDDED:

Date **07/16/07**

Time **4:15 AM**

How **ROTARY**

Drilling will Commence:

Reported by **GARY**

Telephone # **307) 212-4620**

Date **07/17/07** **Signed** **CHD**

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator: Miller, Dyer & Co. LLC
Operator Account Number: N 2580
Address: 475 17th Street, Suite 420
city Denver
state CO zip 80202
Phone Number: (303) 292-0949

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738506	Ute Tribal # 6-16-14-20		SENW	16	14S	20E	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	16320	7/16/2007			8/28/07	
Comments: WINGT BHL=SENW							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
Comments:							

ACTION CODES:
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

JEFFREY H. LANG
Name (Please Print)
Signature
VP Operations
Title
7/26/2007
Date

(5/2000)

RECEIVED
AUG 2 3 2007
DIV. OF OIL, GAS & MINING

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.

- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Miller, Dyer & Co, LLC Today's Date: 11/27/2007

Well:	API Number:	Drilling Commenced:
Ute Tribal 6-16-14-20 drlg rpts/wcr	4304738506	07/16/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50734 (previously ML-47502)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER
8. WELL NAME and NUMBER: Ute Tribal #6-16-14-20
2. NAME OF OPERATOR: Miller, Dyer & Co. LLC
9. API NUMBER: 4304738506
3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1200 CITY Denver STATE CO ZIP 80202
PHONE NUMBER: (303) 292-0949
10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1846' FNL, 2065' FWL
COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Drilling Report
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached drilling report for the Ute Tribal 6-16-14-20 well.

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Jeffrey H. Lang TITLE Vice President of Operations

SIGNATURE [signature] DATE 12/3/07

(This space for State use only)

RECEIVED
DEC 05 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Date	Drilling Summary Ute Tribal 6-16-14-20
07/10/07	Rig down, move DP, rig down move & rig up skid houses SDFN
07/11/07	Rig down & move rig, Derrick down on stand, Trucks having trouble with road SDFN
07/12/07	Move rig, Set rig matting boards SDFN
07/13/07	MORU SDFN
07/14/07	shut down for night RU / move all equipment on location / mechnic & welder working on draworks 12:00 - 19:00 hrs shut down for night
07/15/07	Rig up / raised derrick 17:00 hrs Shut down for night / Mechnic worked on Drawworks #2 clutch until 23:00 hrs
07/16/07	Rig up floor / iron roughneck/ set pipe racks / mix mud / flange up conductor Measure up BHA Pick up BHA Air lines / had to reconnect air lines / they were all hooked up wrong / no pump clutches or throttles Drl 12 1/4" 40' > 54'
07/17/07	Drl 12 1/4" 54' >74' / Corrected depth to 90.6' Lubricate rig/pull dry bushing Drl 12 1/4" 90' > 249' Deviation Survey Drl 12 1/4" 249' > 372' Lubricate rig Drl 12 1/4" 372' > 529'
07/18/07	Wireline survey Drl 12 1/4" 529' > 560' Lubricate rig Drl 12 1/4" 560' > 744' Libricate rig Drl 12 1/4" 744' > 836' Rig service / grease swivel Drl 12 1/4" 836' > 1019' Wireline survey Drl 12 1/4" 1019' > 1200'
07/19/07	Drl 12 1/4" 1200' > 1261' Wireline survey Drl 12 1/4" 1261' > 1450' Lubricate rig Drl 12 1/4" 1450' > 1515' Wireline survey

	Rig repair / losen swivel & grease
	Drl 12 1/4" 1515' > 1535'
	Rig repair / pull wash pipe and packing & replace
	Drl 12 1/4" 1535' > 1610'
	Rig repair / work on pump
	Drl 12 1/4" 1610' > 1737'
07/20/07	Drl 12 1/4" 1737' > 1865'
	Circ & condition for bit trip
	Drop survey / set kelly back
	Tripout hole / pulled tight after 2 jts / kelly up back ream / lay down singles
	Stake pockets and rub rail on casing delivery trucks were damaged while unloading surface casing
	2 separate trucks/ got pictures and statements from everybody involved / at this time it looks like Patterson
	drilling will take care of it
07/21/07	Reaming out of hole / laying down singles
	stuck in hole
	Ream out of hole / laying down singles
	Dress bit / swipe jets out of old bit
	Pick up DC & DP and trip in hole w/bit#2
	kelly up /Trip in / 1600' ream to bottom
	Cic & condition hole
07/22/07	Ream to bottom
	Circ & Condition
	Drop survey
	Drl 12 1/4" 1865' > 1958'
	Lubri cate rig
	Drl 12 1/4" 1958' > 2300'
07/23/07	Drl 12 1/4" 2300' > 2342'
	Rig service
	Wireline survey
	Drl 12 1/4" 2342' > 2710'
07/24/07	Drl 12 1/4" 2710' > 2722'
	Wireline survey
	Drl 12 1/4" 2722' > 2785'
	Rig service
	Drl 12 1/4" 2785' > 3008'
	Wireline survey
	Drl 12 1/4" 3008 > 3040'
07/25/07	Drl 12 1/4" 3040' > 3082'
	TOH f/mud motor
	Lay down Mud motor
	Wait on Mud motor
	TIH W/bit #3 & mud motor #2 s/n 8044
07/26/07	Trip in hole
	Remove elevators/ pu kelly/ fill pipe
	Drl 12 1/4" 3082' > 3133'
	Rig service

	Drl 12 1/4" 3133' > 3430'
	Wiper trip
07/27/07	Wiper trip / pull 5 stands
	Circ & condition / drop surey
	T0 for Csg
	Rig up laydown machine & LD DC & Mud motor
	Rig up Caliber Casing Service / pump up torgue Gage /Safety meeting/ fix Switch on power tongs
	Run casing
	Fix power tongs / replace pin
	Run casing
	Dress threads on casing jt
	Drop ball
	Run casing
	Circ & condition / rig down casing crew / rig up BJ cementing
	BJ safety meeting
	Pressure test lines
	Cement 9 5/8" Csg w/
	WOC
07/28/07	W/O/C
	Cut conductor & Csg, Weld on wellhead
	Pressure test wellhead to 1000 psi, test held OK, Saftey meeting on nipple up procedures
	Nipple up BOP stack
	Pressure test BOP stack with Quick Test Inc., tested pipe & blind rams, inside BOP, choke manifold, upper & lower kelly cocks & safety valve to 250 psi low & 3000 psi high, tested choke line 250 low & 5000 psi high, tested cgs to 1200 psi. for 30 min. All other tests held 5 min low & 10 min high No leaks observed
	Install wear bushing
	Pick up bit & mud mtr, Trip in hole with BHA
07/29/07	RIH, Install rotating head rubber, PU kelly install rotating head drive bushing, Break circulation
	Drlg cement, plug & shoe, Tagged cmt @ 3405, shoe @ 3420, Wash & ream to 3430'
	Circulate, waiting on mud loggers to get up & running, as per Jeff Lang's instructions
	Drlg 8 3/4 hole from 3430' to
07/30/07	Drlg from 3854 to 3981'
	Rig serv, wireline survey - missrun
	Drlg from 3981 to 4013'
	Wireline survey, 2.5 deg
	Drlg from 4013 to 4331'
	Wireline survey, 4.5 deg
	Drlg from 4331 to 4395'
07/31/07	Drlg from 4395 to 4455'
	Wireline survey @ 4420' - missrun fouled line on survey machine
	Drlg from 4455 to 4465'
	Wireline survey @ 4387' - missrun
	Drlg from 4465 to 4485'
	Wireline survey @ 4450' , 5 deg
	Drlg from 4485 to 4521'
	Rig serv
	Drlg from 4521 to 4553'
	Wireline survey @ 4517', 5 deg

	Drlg from 4553 to 4617'
	Wireline survey @ 4582' 4 3/4 deg
	Drlg from 4617 to 4681'
	Wireline survey @ 4646' 4.85 deg
	Drlg from 4681 to 4713'
08/01/07	Drlg from 4713 to 4735'
	Circulate Btms up
	POOH
	Lay down mud mtr, pick up directioal tools
	Orentate tools, pick up first stand DC
	Wait on change over sub to go between monel and DC
	RIH
	RIH take surveys, directional surface tools not receiving signal correctly
	Trouble shoot directional tools, got them working finally
	RIH, taking surveys
08/02/07	RIH pick up rotating head, LD 5 jts DP
	Ream 3 jts to Btm
	Drlg from 4735 to 5339'
08/03/07	Drlg from 5339 to 5530'
	Rig serv
	Drlg & slide from 5530 to 5944'
08/04/07	Drlg & slide from 5944 to 6039'
	Rig serv
	Drlg & slide from 6039 to 6101'
	Circ Btms up
	POOH, Pull EM tool & recalibrate
	Dress & make up bit
	RIH
	Slip & cut Drlg line
08/05/07	Trip in hole
	Wash & ream 150' to Btm, last 4' appeared to be out of gauge
	Drlg & slide from 6101 to 6330'
08/06/07	Drlg & slide from 6330 to 6416'
	Rig serv
	Drlg & slide from 6416 to 6636'
	Rig repair, working on #2 Dwks mtr clutch
	Drlg from 6636 to 6688'
08/07/07	Drlg & slide from 6688 to6700
	Rig serv
	Drlg & slide from 6700 to 6717'
	Circ btms up
	Rig repair, air line to #2 Dwks Mtr clutch
	POOH f/bit
	Lay down 15 6" DC & Mud Mtr
	Pick up bit & Mud Mtr
	Lay down & pick up MWD tools

	RIH w/DC's
	Pick up 15 jts HWDP
	RIH, work tight hole @ 6150'
08/08/07	Ream tight hole from 6100 to 6717'
	Drlg & slide from 6717 to 6830'
08/09/07	Drlg & slide from 6830 to 6841'
	POOH f/bit Pick up new bit
	Rig repair, High drum clutch quick releases & control valve
	RIH
	Drlg & slide from 6844 to 6880'
08/10/07	Drlg & slide from 6880 to
	Rig serv
	Drlg & slide from 7068 to 7288'
	Rig repair, Air to #2 Dwks mtr clutch, spear to high drum clutch, circ & move pipe while repairing rig
	Drlg from 7288 to 7300'
08/11/07	Drlg & slide from 7300 to 7477'
	Rig serv
	Drlg & slide from 7477 to 7700'
	work on MWD tools, not getting signal
	Drlg & slide from 7700 to 7844'
08/12/07	Drlg & slide from 7844 to 8043'
	Rig serv
	Drlg & slide from 8047 to 8130'
	Survey - MWD tools malfunction
	Drlg & slide from 8130 to 8257'
	Work on MWD tool
	Drlg & slide from 8257 to 8385'
	Survey - MWD tools malfunction
	Drlg & slide from 8385 to 8450'
	Survey - MWD tools malfunction
	Drlg & slide from 8450 to 8514'
	Survey - MWD tools malfunction
	Drlg & slide from 8514 to 8520'
08/13/07	Drlg & slide from 8520 to 8797'
	Rig serv
	Drlg & slide fron 8797 to 8985'
	Change out kelly saver sub
	Drlg & slide from 8985 to 9143'
08/14/07	Drlg & slide to 9206'
	Rig repair - change pumps
	Drlg & slide from 9206 to 9363'
	Rig serv
	Drlg & slide from 9363 to 9772'
08/15/07	Drlg & slide from 9772 to 9992'
	Rig serv, change out control valve for rotary clutch

	Drlg & slide from 9992 to 10338'
08/16/07	Drlg & slide from 10338 to 10652'
	Rig serv
	Drlg & slide from 10652 to 10972'
08/17/07	Drlg from 10972 to 11002'
	Circ Btms up f/trip
	POOH
	Change MWD tools, Lay down mud mtr & pick uo new mtr, change bit
	RIH
	Wash & ream from 10500 to 10600', 10650 to 10740', 10951 to 11002'
	Drlg from 11002 to 11018'
08/18/07	Drlg & slide from 11018 to 11059'
	Rig serv
	Drlg & slide from 11059 to 11190'
08/19/07	Drlg & slide from 11190 to 11246'
	Rig serv
	Drlg & slide from 11246 to 11300'
	POOH, mtr failure
	Pull MWD tools , Change out Mud mtr
08/20/07	PU new mud mtr swap out MWD tools
	RIH
	Kelly up & fill pipe
	RIH to 10964'
	Wash & ream froom 10964 to 11300'
	Drlg from 11300 to 11475'
08/21/07	Drill from 11475 to 11501'
	Rig serv
	Drill from 11501 to 11708'
08/22/07	Drlg from 11708 to 11721'
	Rig serv
	Drlg from 11721 to 11846'
	Slide drilling from 11846 to 11852'
	Drlg from 11852 to 11878'
08/23/07	Drlg & slide from 11878 to 11940'
	Rig serv
	Drlg & slide from 11940 to 12062'
08/24/07	Drlg from 12062 to 12072'
	Circ btms up cond mud spot beads from 12072 to 11072'
	POOH
	Lay down 35 jts grade "S 135" DP
	POOH
	Lay down directional tools , pick up straight Mtr,Bit, & Teledrift, Function test blind & pipe rams
	Slip & cut Drlg line
	Pick up 35 jts grade "G" DP changed out corrosion ring

	RIH
08/25/07	Test Teledrift tool
	RIH
	Rig serv
	RIH, wash 5 jts to Btm
	Rig repair - replace slip dies
	Drlg from 12072 to 12124'
	Work bead sweep
	Drlg from 12124 to 12127'
	Spot Luba beads, work pipe
	Drlg from 12127 to 12129'
08/26/07	Drlg from 12127 to 12132', can not get Diff pressure to rise acts like no weight on bit
	Spot Lubra beads & work pipe, beads spotted from 11125 to 9125'
	Drlg from 12132 to 12136', try more weight on bit - loosing pump pressure, seems to be a problem downhole
	Circ & cond hole
	POOH
	Lay down mud mtr & pick up fresh mtr & bit
	RIH, break and redope all drill collars
	Fill pipe, break circ
	RIH
	Fill pipe & break circ
	Wash & ream 35' to Btm
	Drlg from 12136 to 12140'
08/27/07	Drill from 12140 to 12175'
	Rig serv
	Drlg from 12175 to 12208'
08/28/07	Drlg from 12208 to 12237'
	Rig serv, unplug standpipe pressure transducer
	Drlg from 12237 to 12266'
	Circ & cond mud, Teledrift survey, drop single shot survey
	POOH f/bit
	Change bit, Function test Blind & Pipe rams, Break down survey tools
	RIH w/bit # 12
08/29/07	Rig repair - Water not circulating on brake flanges, Iron roughneck
	RIH
	Wash & ream 30' to btm
	Drlg from 12266 to 12340'
08/30/07	Drlg from 12340' to 12517'
	Circc & cond hole
	Wiper trip f/logs
08/31/07	Wiper trip
	Circ & cond mud, raise vis to 48 sec
	Drop survey & POOH f/logs
	Run wireline logs w/ Halliburton Wireline, loggers depth 12555'
	Lay down logging tools & rig down loggers
	W/O/O, waiting on sidewall core tools

09/01/07	W/O/O
	Lay down mud mtr & Teledrift
	RIH w/ bit, SLM , Hole depth adjusted to 12534' as per pipe strap
	Circ & cond mud, unload csg, sort & put on racks, clean , rabbit & strap pipe
	Rig up lay down machine & LDDP
09/02/07	LDDP
	Rig repair - Iron roughneck blew Hyd hose
	LDDP
	Pull rotating head & break kelly
	LDDP & DC
	Pull wear bushing & rig up Caliber casing tools
	Run 5 1/2, 17#, production csg. Work on casing tongs, tongs have caused approx two hrs downtime
09/03/07	Run 5 1/2 Prod casing
	Rig down csg tools & Rig up BJ cementers
	Circulate & cond hole for cement
	Pump 345 sx PLII + adds 1st stage cement, drop plug
	Displace with 300.8 bbls mud Bump plug 558 psi over
	Drop DV opening tool & open DV tool
	Circulate with rig pumps
	Pump 1005 sx 2nd stage lead & 100 sx 2nd stg tail, Displace w/240.7 bbls H2O, bump plug W 1490 psi over
	Nipple down BOP, set casing , Clean mud pits Rig released @ 0600 hrs 9-3-07
09/04/07	Rig down / wait on trucks
	SDFN
09/05/07	Rig repair - wait on trucks
	SDFN
09/06/07	Rig down, stack rig on 32-7 location, crains did not show up, backyard is gone, derrick is down on stand
	need crains to remove derrick,dwks,& unstack sub structure , blocks unstrung.
	SDFN
09/07/07	Rig down - stack rig on 32-7 location
	SDFN
09/07/07	Rig down - stack out rig

NOTICE OF LATE REPORTING
DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

➤ Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

➤ A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.

➤ Within 30 days after the completion or plugging of a well, the following shall be filed:

- Form 8, Well Completion or Recompletion Report and Log
- A copy of electric and radioactivity logs, if run
- A copy of drillstem test reports,
- A copy of formation water analyses, porosity, permeability or fluid saturation determinations
- A copy of core analyses, and lithologic logs or sample descriptions if compiled
- A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Miller, Dyer & Co, LLC Today's Date: 04/21/2007

Well:				API Number:	Drilling Commenced:
Ute Tribal 6-16-14-20	14S	20E	16	4304738506	07/16/2007

☐ List Attached

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260.

cc: Well File
Compliance File

43-047-38506
16 14S 20E

Date	Drilling Summary Ute Tribal 6-16-14-20
07/10/07	Rig down, move DP, rig down move & rig up skid houses
	SDFN
07/11/07	Rig down & move rig, Derrick down on stand, Trucks having trouble with road
	SDFN
07/12/07	Move rig, Set rig matting boards
	SDFN
07/13/07	MORU
	SDFN
07/14/07	shut down for night
	RU / move all equipment on location / mechnic & welder working on draworks 12:00 - 19:00 hrs
	shut down for night
07/15/07	Rig up / raised derrick 17:00 hrs
	Shut down for night / Mechnic worked on Drawworks #2 clutch until 23:00 hrs
07/16/07	Rig up floor / iron roughneck/ set pipe racks / mix mud /
	flange up conductor
	Measure up BHA
	Pick up BHA
	Air lines / had to reconnect air lines / they were all hooked up wrong / no pump clutches or throttles
	Drl 12 1/4" 40' > 54'
07/17/07	Drl 12 1/4" 54' >74' / Corrected depth to 90.6'
	Lubricate rig/pull dry bushing
	Drl 12 1/4" 90' > 249'
	Deviation Survey
	Drl 12 1/4" 249' > 372'
	Lubricate rig
	Drl 12 1/4" 372' > 529'
07/18/07	Wireline survey
	Drl 12 1/4" 529' > 560'
	Lubricate rig
	Drl 12 1/4" 560' > 744'
	Libricate rig
	Drl 12 1/4" 744' > 836'
	Rig service / grease swivel
	Drl 12 1/4" 836' > 1019'
	Wireline survey
	Drl 12 1/4" 1019' > 1200'
07/19/07	Drl 12 1/4" 1200' > 1261'
	Wireline survey
	Drl 12 1/4" 1261' > 1450'
	Lubricate rig

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	Drl 12 1/4" 1450' > 1515'
	Wireline survey
	Rig repair / losen swivel & grease
	Drl 12 1/4" 1515' > 1535'
	Rig repair / pull wash pipe and packing & replace
	Drl 12 1/4" 1535' > 1610'
	Rig repair / work on pump
	Drl 12 1/4" 1610' > 1737'
07/20/07	Drl 12 1/4" 1737' > 1865'
	Circ & condition for bit trip
	Drop survey / set kelly back
	Tripout hole / pulled tight after 2 jts / kelly up back ream / lay down singles
	Stake pockets and rub rail on casing delivery trucks were damaged while unloading surface casing
	2 separate trucks/ got pictures and statements from everybody involved / at this time it looks like Patterson
	drilling will take care of it
07/21/07	Reaming out of hole / laying down singles
	stuck in hole
	Ream out of hole / laying down singles
	Dress bit / swipe jets out of old bit
	Pick up DC & DP and trip in hole w/bit#2
	kelly up /Trip in / 1600' ream to bottom
	Cic & condition hole
07/22/07	Ream to bottom
	Circ & Condition
	Drop survey
	Drl 12 1/4" 1865' > 1958'
	Lubri cate rig
	Drl 12 1/4" 1958' > 2300'
07/23/07	Drl 12 1/4" 2300' > 2342'
	Rig service
	Wireline survey
	Drl 12 1/4" 2342' > 2710'
07/24/07	Drl 12 1/4" 2710' > 2722'
	Wireline survey
	Drl 12 1/4" 2722' > 2785'
	Rig service
	Drl 12 1/4" 2785' > 3008'
	Wireline survey
	Drl 12 1/4" 3008 > 3040'
07/25/07	Drl 12 1/4" 3040' > 3082'
	TOH f/mud motor
	Lay down Mud motor
	Wait on Mud motor
	TIH W/bit #3 & mud motor #2 s/n 8044

07/26/07	Trip in hole
	Remove elevators/ pu kelly/ fill pipe
	Drl 12 1/4" 3082' > 3133'
	Rig service
	Drl 12 1/4" 3133' > 3430'
	Wiper trip
07/27/07	Wiper trip / pull 5 stands
	Circ & condition / drop surey
	T0 for Csg
	Rig up laydown machine & LD DC & Mud motor
	Rig up Caliber Casing Service / pump up torgue Gage /Safety meeting/ fix Switch on power tongs
	Run casing
	Fix power tongs / replace pin
	Run casing
	Dress threads on casing jt
	Drop ball
	Run casing
	Circ & condition / rig down casing crew / rig up BJ cementing
	BJ safety meeting
	Pressure test lines
	Cement 9 5/8" Csg w/
	WOC
07/28/07	W/O/C
	Cut conductor & Csg, Weld on wellhead
	Pressure test wellhead to 1000 psi, test held OK, Saftey meeting on nipple up procedures
	Nipple up BOP stack
	Pressure test BOP stack with Quick Test Inc., tested pipe & blind rams, inside BOP, choke manifold, upper & lower kelly cocks & safety valve to 250 psi low & 3000 psi high, tested choke line 250 low & 5000 psi high, tested cgs to 1200 psi. for 30 min. All other tests held 5 min low & 10 min high No leaks observed
	Install wear bushing
	Pick up bit & mud mtr, Trip in hole with BHA
07/29/07	RIH, Install rotating head rubber, PU kelly install rotating head drive bushing, Break circulation
	Drlg cement, plug & shoe, Tagged cmt @ 3405, shoe @ 3420, Wash & ream to 3430'
	Circulate, waiting on mud loggers to get up & running, as per Jeff Lang's instructions
	Drlg 8 3/4 hole from 3430' to
07/30/07	Drlg from 3854 to 3981'
	Rig serv, wireline survey - missrun
	Drlg from 3981 to 4013'
	Wireline survey, 2.5 deg
	Drlg from 4013 to 4331'
	Wireline survey, 4.5 deg
	Drlg from 4331 to 4395'
07/31/07	Drlg from 4395 to 4455'
	Wireline survey @ 4420' - missrun fouled line on survey machine
	Drlg from 4455 to 4465'
	Wireline survey @ 4387' - missrun

	Drlg from 4465 to 4485'
	Wireline survey @ 4450' , 5 deg
	Drlg from 4485 to 4521'
	Rig serv
	Drlg from 4521 to 4553'
	Wireline survey @ 4517', 5 deg
	Drlg from 4553 to 4617'
	Wireline survey @ 4582' 4 3/4 deg
	Drlg from 4617 to 4681'
	Wireline survey @ 4646' 4.85 deg
	Drlg from 4681 to 4713'
08/01/07	Drlg from 4713 to 4735'
	Circulate Btms up
	POOH
	Lay down mud mtr, pick up directioal tools
	Orentate tools, pick up first stand DC
	Wait on change over sub to go between monel and DC
	RIH
	RIH take surveys, directional surface tools not receiving signal correctly
	Trouble shoot directional tools, got them working finally
	RIH, taking surveys
08/02/07	RIH pick up rotating head, LD 5 jts DP
	Ream 3 jts to Btm
	Drlg from 4735 to 5339'
08/03/07	Drlg from 5339 to 5530'
	Rig serv
	Drlg & slide from 5530 to 5944'
08/04/07	Drlg & slide from 5944 to 6039'
	Rig serv
	Drlg & slide from 6039 to 6101'
	Circ Btms up
	POOH, Pull EM tool & recalibrate
	Dress & make up bit
	RIH
	Slip & cut Drlg line
08/05/07	Trip in hole
	Wash & ream 150' to Btm, last 4' appeared to be out of gauge
	Drlg & slide from 6101 to 6330'
08/06/07	Drlg & slide from 6330 to 6416'
	Rig serv
	Drlg & slide from 6416 to 6636'
	Rig repair, working on #2 Dwks mtr clutch
	Drlg from 6636 to 6688'
08/07/07	Drlg & slide from 6688 to6700

	Rig serv
	Drlg & slide from 6700 to 6717'
	Circ btms up
	Rig repair, air line to #2 Dwks Mtr clutch
	POOH f/bit
	Lay down 15 6" DC & Mud Mtr
	Pick up bit & Mud Mtr
	Lay down & pick up MWD tools
	RIH w/DC's
	Pick up 15 jts HWDP
	RIH, work tight hole @ 6150'
08/08/07	Ream tight hole from 6100 to 6717'
	Drlg & slide from 6717 to 6830'
08/09/07	Drlg & slide from 6830 to 6841'
	POOH f/bit Pick up new bit
	Rig repair, High drum clutch quick releases & control valve
	RIH
	Drlg & slide from 6844 to 6880'
08/10/07	Drlg & slide from 6880 to
	Rig serv
	Drlg & slide from 7068 to 7288'
	Rig repair, Air to #2 Dwks mtr clutch, spear to high drum clutch, circ & move pipe while repairing rig
	Drlg from 7288 to 7300'
08/11/07	Drlg & slide from 7300 to 7477'
	Rig serv
	Drlg & slide from 7477 to 7700'
	work on MWD tools, not getting signal
	Drlg & slide from 7700 to 7844'
08/12/07	Drlg & slide from 7844 to 8043'
	Rig serv
	Drlg & slide from 8047 to 8130'
	Survey - MWD tools malfunction
	Drlg & slide from 8130 to 8257'
	Work on MWD tool
	Drlg & slide from 8257 to 8385'
	Survey - MWD tools malfunction
	Drlg & slide from 8385 to 8450'
	Survey - MWD tools malfunction
	Drlg & slide from 8450 to 8514'
	Survey - MWD tools malfunction
	Drlg & slide from 8514 to 8520'
08/13/07	Drlg & slide from 8520 to 8797'
	Rig serv
	Drlg & slide fron 8797 to 8985'
	Change out kelly saver sub

	Drlg & slide from 8985 to 9143'
08/14/07	Drlg & slide to 9206'
	Rig repair - change pumps
	Drlg & slide from 9206 to 9363'
	Rig serv
	Drlg & slide from 9363 to 9772'
08/15/07	Drlg & slide from 9772 to 9992'
	Rig serv, change out control valve for rotary clutch
	Drlg & slide from 9992 to 10338'
08/16/07	Drlg & slide from 10338 to 10652'
	Rig serv
	Drlg & slide from 10652 to 10972'
08/17/07	Drlg from 10972 to 11002'
	Circ Btms up f/trip
	POOH
	Change MWD tools, Lay down mud mtr & pick uo new mtr, change bit
	RIH
	Wash & ream from 10500 to 10600', 10650 to 10740', 10951 to 11002'
	Drlg from 11002 to 11018'
08/18/07	Drlg & slide from 11018 to 11059'
	Rig serv
	Drlg & slide from 11059 to 11190'
08/19/07	Drlg & slide from 11190 to 11246'
	Rig serv
	Drlg & slide from 11246 to 11300'
	POOH, mtr failure
	Pull MWD tools , Change out Mud mtr
08/20/07	PU new mud mtr swap out MWD tools
	RIH
	Kelly up & fill pipe
	RIH to 10964'
	Wash & ream froom 10964 to 11300'
	Drlg from 11300 to 11475'
08/21/07	Drill from 11475 to 11501'
	Rig serv
	Drill from 11501 to 11708'
08/22/07	Drlg from 11708 to 11721'
	Rig serv
	Drlg from 11721 to 11846'
	Slide drilling from 11846 to 11852'
	Drlg from 11852 to 11878'

08/23/07	Drlg & slide from 11878 to 11940'
	Rig serv
	Drlg & slide from 11940 to 12062'
08/24/07	Drlg from 12062 to 12072'
	Circ btms up cond mud spot beads from 12072 to 11072'
	POOH
	Lay down 35 jts grade "S 135" DP
	POOH
	Lay down directional tools , pick up straight Mtr,Bit, & Teledrift, Function test blind & pipe rams
	Slip & cut Drlg line
	Pick up 35 jts grade "G" DP changed out corrosion ring
	RIH
08/25/07	Test Teledrift tool
	RIH
	Rig serv
	RIH, wash 5 jts to Btm
	Rig repair - replace slip dies
	Drlg from 12072 to 12124'
	Work bead sweep
	Drlg from 12124 to 12127'
	Spot Luba beads, work pipe
	Drlg from 12127 to 12129'
08/26/07	Drlg from 12127 to 12132', can not get Diff pressure to rise acts like no weight on bit
	Spot Lubra beads & work pipe, beads spotted from 11125 to 9125'
	Drlg from 12132 to 12136', try more weight on bit - loosing pump pressure, seems to be a problem downhole
	Circ & cond hole
	POOH
	Lay down mud mtr & pick up fresh mtr & bit
	RIH, break and redope all drill collars
	Fill pipe, break circ
	RIH
	Fill pipe & break circ
	Wash & ream 35' to Btm
	Drlg from 12136 to 12140'
08/27/07	Drill from 12140 to 12175'
	Rig serv
	Drlg from 12175 to 12208'
08/28/07	Drlg from 12208 to 12237'
	Rig serv, unplug standpipe pressure transducer
	Drlg from 12237 to 12266'
	Circ & cond mud, Teledrift survey, drop single shot survey
	POOH f/bit
	Change bit, Function test Blind & Pipe rams, Break down survey tools
	RIH w/bit # 12
08/29/07	Rig repair - Water not circulating on brake flanges, Iron roughneck

	RIH
	Wash & ream 30' to btm
	Drlg from 12266 to 12340'
08/30/07	Drlg from 12340' to 12517'
	Circc & cond hole
	Wiper trip f/logs
08/31/07	Wiper trip
	Circ & cond mud, raise vis to 48 sec
	Drop survey & POOH f/logs
	Run wireline logs w/ Halliburton Wireline, loggers depth 12555'
	Lay down logging tools & rig down loggers
	W/O/O, waiting on sidewall core tools
09/01/07	W/O/O
	Lay down mud mtr & Teledrift
	RIH w/ bit, SLM , Hole depth adjusted to 12534' as per pipe strap
	Circ & cond mud, unload csg, sort & put on racks, clean , rabbit & strap pipe
	Rig up lay down machine & LDDP
09/02/07	LDDP
	Rig repair - Iron roughneck blew Hyd hose
	LDDP
	Pull rotating head & break kelly
	LDDP & DC
	Pull wear bushing & rig up Caliber casing tools
	Run 5 1/2, 17#, production csg. Work on casing tongs, tongs have caused approx two hrs downtime
09/03/07	Run 5 1/2 Prod casing
	Rig down csg tools & Rig up BJ cementers
	Circulate & cond hole for cement
	Pump 345 sx PLII + adds 1st stage cement, drop plug
	Displace with 300.8 bbls mud Bump plug 558 psi over
	Drop DV opening tool & open DV tool
	Circulate with rig pumps
	Pump 1005 sx 2nd stage lead & 100 sx 2nd stg tail, Displace w/240.7 bbls H2O, bump plug W 1490 psi over
	Nipple down BOP, set casing , Clean mud pits Rig released @ 0600 hrs 9-3-07
09/04/07	Rig down / wait on trucks
	SDFN
09/05/07	Rig repair - wait on trucks
	SDFN
09/06/07	Rig down, stack rig on 32-7 location, crains did not show up, backyard is gone, derrick is down on stand
	need crains to remove derrick,dwks,& unstack sub structure , blocks unstrung.
	SDFN
09/07/07	Rig down - stack rig on 32-7 location
	SDFN

09/07/07	Rig down - stack out rig

WELL COMPLETION REPORT
MILLER DYER & CO, LLC
UTE TRIBAL 6-16-14-20
SE/NW SEC 16, T 14S -R 20E
UNITAH COUNTY, UTAH

September 11, 2007
Move on and spot Leed rig 677. Scrape mud off location into pit. Spot pipe racks and catwalk. Cameron made final cut and installed tbg head on wellhead. Test to 5000 psi. Held. SWIFN
In A.M. Install dead men. Rig up. Unload 2 7/8" tbg on racks, pick up bit and tbg.

September 12, 2007
175 psi on surface. Set dead men. Rig up Leed rig 677. Unload 381 jts N-80 @ 7/8" EUE tbg onto pipe racks. Remove thread protectors and tally tbg. NU BOP. Rig up tbg equipment and floor. Pick up (used) 4 ¾" Varel L2 Ser# 990027 bit with Nabors bit sub. Pick up tbg. RIH Pick up 210 jts. 6900' +-. SWIFN
In A.M. Finish picking up tbg. Drill DV tool.

September 13, 2007
Psi on surface csg. Tbg and csg dead. Finish picking up tbg. Tag cement above DV tool @ 10358' KB on jt# 315. Install Washington rubber. Rig up pump, tank and swivel. Start drilling cement. 3 bpm @ 800 psi. 6000 lbs slackoff, 75 rpm @ 1600 psi torque. Find the DV tool @ 10381' KB on jt# 316. Drill DV tool and wiper plug. Took 31 minutes. Circulate clean. Set back swivel and remove Washington rubber. Pick up tbg. Tag bottom @ 12495' Kb on jt# 380. 205' below projected perfs. Roll hole. Roll 50 bbls mud to pit. Lay down 2 jts. SWIFN
In A.M. POOH. Trip casing scraper.

September 14, 2007
175# on surface csg. 0 psi on csg and tbg. Finish POOH. Pick up 5 ½" csg scraper with 4 ¾" bit. RIH Tag bottom @ 12495' KB on jt# 380. Circulate bottoms up. Little bit of mud and aluminum in returns. Lay down 8 jts. POOH with 372 jts and csg scraper. Pull 140 jts. SWIFN
In A.M. Finish pulling tbg. Bond log and perforate.

September 15, 2007
175 psi on surface. 0 psi on csg and tbg. Finish POOH. Stand 372 jts in derrick. Lay down bit and csg scraper. Rig up JW Wireline. Bond log well holding 1000 psi pressure on csg with rig pump. Coorolate to HES open hole log dated 8/31/07. Logger's TD 12512' KB. Run Cement Bond CCL, Gamma Ray VDL from TD(12512') to surface. Top of cement was surface. Excellent cement bond from 12512' to 5980'. Good cement bond from 5980' to surface. Lay down logging tools. Pick up perforating gun. RIH Perforate from 12282-12290' using 3 3/8" slick guns, 23 gram charges, 37" PEN, 0.42"

EHD, 120 deg phasing, 4 SPF-32 total. POOH. All shots fired. Rig down wireline. Well dead. SWIFN
In A.M. Run tbg and packer. Swab

September 16, 2007
Well on slight vacuum. Pick up Nabors 10K 2 7/8" AE-1 Fullbore Arrowset packer with 2 7/8" SN. RIH. Fluid level about 80'. Set packer @ 10240' KB with 372 jts. 42' above perforations. Rig up to swab. Swab. SFL was surface. Made 9 swab runs. 65 bbls total. Volume to top of perfs is 71.8 bbls. 6.8 bbls short of load. Well swabbed right down. Ending fluid level was 11800'. Swabbed 100% water first 6 swabs. Last 3 swabs swabbed gas cut fluid, but no blow between runs. SWIFN
In A.M. Check pressures and swab.

September 17, 2007
Slight blow on csg. 300 psi on tbg. Blow well down. Blew right down to slight blow. Swab. SFL was 7500'. Swab well down. 2 runs. 15.50 bbls. 80.5 bbls total. 9 bbls over tbg volume. Swab gas cut water with a little bit of LCM on top of first swab. No blow on tbg between runs. 3rd run was dry. Have trouble getting down with sinker bar. Remove swab cups. Run sinker bar to SN. Did not have any trouble getting down. Made 4th swab run. Recovered 2.6 bbls. 83.1 total. 11.5 bbls over load. Gas cut water. Made 3 more swab runs. 1 per hr. All dry runs. Lay down swab. SWIFN
In A.M. Check pressures. Pull swab. Release packer. Pull tbg. Perforate.

September 18, 2007
Slight blow on casing. 310 psi on tbg. Blow well down. Swab. SFL was 8500'. Pull 1 swab. 7 bbls gas cut water. 90 bbls total. 18.2 bbls over load. Blow on tbg after swab. Lay down swab. Pump 25 water bbls down tbg. Try to release packer. Would not, no mandril travel. Still too far out of balance. Pump another 20 bbls down tbg. Able to release packer. Lay down 2 jts. Jts are slightly bent. Notice that the elevators on the bales on Rig's blocks are not hanging level. Bales appear to be very worn. Order new bails and elevators. Swab well down while waiting for bales. Swab 43 bbls out of well. Put on new bales. Elevators hanging level. Finish pulling tbg. Lay down packer. Stand 370 jts in derrick.
In A.M. Perforate upper bench of bottom zone. Run packer. Swab. Acidize Thursday morning.

September 19, 2007
0 psi on well. Rig up JW Wireline. Pick up perforating gun. RIH. Fluid level was 4360' from surface. Perforate upper bench of lower zone from 12256-12261' using 3 3/8" slick guns, 23 gran charges, 120 deg phasing, 37" Pen, 0.41" EHD, 4 spf, 20 shots total. POOH. Still no pressure on well. Rig down wireline. Pick up Nabors 5 ½" 10K fullbore Arrowset AE1 packer with 2 7/8" SN. RIH with tbg. Set packer @ 12208'KB with 371 jts. Rig up to swab. SFL was 3000'. 2nd run- 4500'. 3rd run- 5700'. 4th run-5700'. Fluid level then stayed between 5000 and 6000'. Started swabbing gas cut water after 3rd run. No blow on tbg between runs. Very warm fluid. Made 9 swab runs. Swab back 86 bbls. Checked csg after last run. Csg on vacuum. Check weight on packer. Have 25,000 lbs on

packer. Put 40,000 lbs on packer. Try to load the csg. Pump 120 bbls water down csg. Tbg starting to blow. Csg on vacuum. Packer gave up quit holding. SWIFN
In A.M. Release packer. Round trip for new packer. (BJ could not do acid job until Friday)

September 20, 2007
20 psi on tbg. Csg on vacuum. Blow down tbg. Release packer. Lay down 1 jt. POOH with 370 jts and packer. Lay down packer. Packer rubbers are gone. Pick up Nabors 5 ½" 10K Arrowset fullbore AE-1 packer. RIH with tbg. Set packer @ 12208' KB with 371 jts. 48' above top perfs. Load csg with 45 bbls water. Test packer to 500 psi. Held. Rig up to swab. Swab. SFL was 2000'. Rubber from packer elements in the tbg. Have trouble getting down. Make 8 swab runs. Ending fluid level was 9000'. Well swabbed right down. Very gassy but no blow between runs. Swab 52.5 bbls. 100% water. Load is 60.1 bbls SWIFN
In A.M. Check pressures, Swab, acidize with BJ.

September 21, 2007
175 psi on tbg. Slight blow on csg. Blow tbg down. Pick up swab. Swab. SFL was 6700'. Made 3 runs. Swab well dry. Swab 12.5 bbls. 65 bbls total. 4.9 bbls over load. Gassy fluid. 100% water. Slight blow on tbg between runs. Lay down swab. Rig up BJ. Acidize perfs from 12256-12261' and 12282-12290'. Test lines to 6000 psi. Pump 10 bbls water with biocide, 300 gals 7 ½% HCL acid with 15 gal Ferrotrol 300L, 2 gal NE-940, 3 gal CI-25, 2 gal Claytreat 3C, 900 gals acid with 100 7/8" 1.3 sg spaced out evenly, 300 gals acid, flush with 73.6 bbls water. Took 74.4 bbls to catch pressure. 1.8 bbls over capacity. Pressure up to 4260 psi. Broke back to 3640 psi @ 4.0 bpm. Slowly climbed up to 3900 psi. No reaction or break with the acid. Did see some ball action but did not ball out completely. Increased rate to 5.1 bpm and pressure climbed to 4250 psi. Flushed acid to bottom perf @ 12290' plus 1 bbl. Total pumped 124 bbls. ISIP was 3053 psi. 5 min-2004. 10 min-1720. 15 min-1332. 30 min -864. 60 min-190 psi. Well on vacuum in 75 min. Leave shut in for 90 min. Pick up swab. Start swabbing. Leed operator went too deep on 1st swab. Tried to pull 4000' of fluid with swab. Took 3 hrs to get swab out of hole. Finally got a cup to roll over and were able to pull out of the hole. Continue swabbing. Make 10 runs. Swab 74 ½ bbls. 49.5 bbls left to recover. Starting to get acid back on last swab. Ending fluid level was 7000'. Lay down swab. SWIFN
In A.M. Check pressures, swab.

September 22, 2007
300 psi on tbg. Slight blow on csg. Blow tbg down swab. SFL was 4800'. Made 6 swab runs. Ending fluid level was 9000'. Swab 44.5 bbls. 119 bbls total. 5 bbls of load left to recover. Gassy acid water. Blow between swab runs on last 3 runs. Lay down swab. SWIFW Travel back to Roosevelt.

September 24, 2007
Slight blow on csg. 2525 psi on tbg. Blow tbg down. Took 45 min to blow down tbg. Blew down to strong blow. ND Washington head. NU tree onto BOP. Rig down and

move off Leed rig 677. Very muddy at top of hill. Wait for roads to dry. Leave well shut in.

9/25/07 Tubing pressure-1950 psi.
9/26/07 Tubing pressure – 2950 psi
9/27/07 Tubing pressure-3300 psi
9/28/07 Tubing pressure 3350 psi.

October 2, 2007
3375 psi on tbg. Slight blow on csg. MORU Leed rig 677. Spot pipe racks and cat walk. Open tbg to pit on 16/64" choke. Flow test well. Spot flowback tank. Move 3 RNI tanks from 15-25 to location. Fill with water.
12:50 hrs---3375 psi
13:30 hrs—800 psi
14:50 hrs—275 psi
15:50 hrs---110 psi
16:50 hrs---55 psi
15:20 hrs---48 psi
Leave well open to pit on 16/64" choke
In A.M. Check pressure, swab, release packer, POOH laying down tbg.

October 3, 2007
FTP was 38 psi on 16/64" choke. Slight blow on csg. Finish blowing well down. ND tree. RU to swab. Starting fluid level was 2000'. 100% gas cut water. Swab well down in 5 runs. Swab down was 21 bbls. 140 bbls total(includes swabbing after acid job). 18 bbls over load. Strong blow on well. Wait 1 hr. Make swab run. Dry run. Wait 2 hrs. make swab run. 500' of fluid. 2.75 bbls. 23.75 total today. 142.75 total. 20.75 bbls over load. Lay down swab. Pump 60 bbls water down tbg. Release packer. Pick up 3 jts tbg. Run packer thru perfs to ensure all frac balls off perfs. POOH with 374 jts and packer. Lay tbg down on pipe racks. Lay down 31 jts. SWIFN
In A.M. finish laying down tbg

October 4, 2007
Tbg and csg on slight vacuum. Remat rig(one pad sinking). Load out pump and tank. Haul to Roosevelt yard. Finish laying down tbg. Lay down packer. SWIFN
In A.M. Load out tbg equip. ND BOP, NU frac valve, RDMO

October 5, 2007
15 psi on well. Blow well down. Load out tbg equipment and floor. ND BOP. NU Stinger 7 1/16" 5000 psi frac valve. RDMO Leed rig 677. Move pipe, racks and catwalk to side of location. Move Premier's flowback manifold from 15-25 to location. Ready to frac on 10/6/07

October 6, 2007
Rained and snowed last night. HES not on Location until 10:30 A.M. Rig up Stinger 10K wellhead isolation tool. Rig up HES and Praxair(CO2). Test lines to 7000 psi. Frac

Navajo zone 12256-12261' and 12282-12292' with 22219 gal(529 bbls) pHaser Frac fluid system and 143 ton CO2 containing 5000 lbs of 100 mesh and 67,800 lbs of 20/40 ceramic frac sand. Pump job as follows. Loaded the hole and broke formation with 1000 gals water. Initial break was 3666 psi @ 7.8 bpm. Initial ISIP was 3350. Frac grad-.706. Went ahead and pumped stages 2-8 as per design(dated10/06/07) From 0.5 lb thru 4 # sand. Flush frac to top of perfs with Co2 and water then pumped 500 gal of straight water. Avg rate was 4602 psi. Slurry rate-10.61 bpm. CO2-16.27 bpm. ISIP was 5604 psi. 5 min-3645 psi. 10 min-3472 psi. 15 min-3256 psi. Frac grad-0.89. Had problems with HC-2 LA pump during 100 mesh stage. Changed pumps-worked better. No other problems. Increase in surface pressure during flush due to change in hydrostatic pressure. Max pressure was 5700 psi. Rig down HES. Rig down Stinger. Rig up flowback manifold and line to tank. Initial pressure 1975 psi.

Time	Pressure	Choke	BPH	TBR	BLTR
18:15	1975	12/64	0	0	529
19:00	1500		6	6	523
Went to 14/64 choke- Line to tank froze-went to pit					
20:00	1100	14/64	10	16	513
21:00	900	14/64	10	26	503
No sand, frac gell and CO2					
23:00	750	14/64	15	41	488
24:00	675		6	47	482

October 7, 2007
Flowing Navajo frac back. 481 bbls left to recover.

24:00	675	14/64	0	47	482
01:00	600		4	51	478
Not as much water and still losing pressure. Go to 16/64 choke					
02:00	650	16/64	8	59	470
04:00	1000		16	75	454
05:00	1225		6	81	448
Line froze off-went to 14/64 while fixing 16/64 side					
06:00	1450	16/64	10	91	438
Building pressure, no sand, less gel, more water, very wet gas					
09:00	1500	16/64	15	106	423
Not bringing much fluid now, no sand, increase choke to 18/64					
10:00	1525	18/64	5	111	418
Still building pressure change choke to 20/64					
11:00	1510	20/64	4	115	414
Well is just not making as much fluid. Drying up!					
12:00	1525	20/64	2	117	412
13:00	1525	20/64	0	117	412
14:00	1525	20/64	0	117	412
17:00	1550	20/64	2	119	410

Choke freezing up. Went to 22/64. froze up in 5 sec. try 24/64- same results
Went to 36/64- same open well on 1" unloaded 10 bbls sewer smelling nasty
Black hydrates-no sand in it. Started making water again. Open well back on
20/64 choke.

18:00	1500	20/64	15	134	395
21:00	1525	20/64	15	149	380

October 8, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
07:00	1975	20/64	235	384	145

Well was blowing dry CO2 when I got there. Started unloading clear water again.
Figure well made 235 bbls overnight. Pressure is increasing.

15:00	1975	20/64	30	414	115

Less CO2 and less water

October 9, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
05:00	1900	20/64	mist	414	115
12 noon	1100	20/64	mist	414	115

The well was flowing at 1900 psi as of 5 am. When a different field foreman checked the well at noon, the pressure was reported as 1100 psi on the 20 choke. There may be some discrepancy resulting from the change in personnel or gauges. The well was then blown to atmosphere wide open on a 2" line due to suspected liquid loading and made a few slugs of water. After 10 minutes on the 2", the wellhead pressure had decreased to 600 psi. The well was then put on a 16/64 choke and had built to 1050 psi within a few minutes. A wellhead gas sample taken today indicated 10.1 % CO2.

October 10, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
12 noon	1400	16/64	mist	414	115

October 11, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
12 noon	1375	16/64	mist	414	115

A wellhead gas sample taken today indicated 6.1 % CO2.

October 12, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
12 noon	1350	16/64	mist	414	115

October 13, 2007

Time	Pressure	Choke	BPH	Tbbls	BLTR
12 noon	1375	16/64	mist	414	115

The well was shut-in today. The rig will be moved back on location on Monday to run the tubing and packer and enable a better Navajo test.

October 15, 2007
MORU Leed rig 677. Open well to pit on 16/64" choke. Leave well flowing to pit overnight. Move and spot pipe racks and cat walk. Load 381 jts 2 7/8" tbg onto racks. In A.M. Kill well, run tbg and packer

October 16, 2007
Well flowing 800 psi on 16/64 choke. Open up on 36/64" choke. Rig up D&M hotoil service. Control well with 180 bbls water. Still had 200 psi on it. Blow down to pit. Well died. ND frac valve. NU BOP. Rig up tbg equipment and floor. Pick up Nabors 10K Arrowset AE1 Fullbore packer, 2 7/8" XN nipple, 1 jt 2 7/8" EUE Tbg, X nipple, 2 7/8 N-80 EUE Tbg. Pick up tbg. Run 34 jts. Well flowed again. Control well with 70 bbls water. Run 1 jt. Well un loaded. Flow well to pit. Would not die. Leave well flowing to pit on 36/64" tbg. Ran total of 34 jts. 1100' approx
In A.M. Kill well. Finish running tbg and packer, flowtest.

October 17, 2007
50 psi on tbg flowing to pit on 36/64" choke. 150 psi on csg. Rig up Adler Hot Oil Service. Pump 120 bbls water down tbg. Well went on vacuum after 20 bbls. Continue picking up tbg. 191 jts in tbg started flowing. Spot kill tbg with 30 bbls water. Install washington rubber. Csg satrted flowing. Continue running tbg. 300 jts in tbg flowed. Spot kill tbg with 25 bbls water. Continue running tbg. 329 jts in @ 10828' KB. 1328' above top Navajo perf. Tbg started flowing again. 5 pm time. We would not have time enough to kill tbg, finish running tbg, set packer and swab well in tonight for flow test. So set packer. Shut in csg. Hook up tbg to flowback manifold. Unload water out of tbg to pit. Leave well open to pit flowing on 12/64" choke. Started at 400 psi at 17:00 hrs. 18:00 hrs- 1225 psi 995 MCFD rate
Do flow rate test.

October 18, 2007

Tbg had 1950 psi flowing on 12/64" choke. 1576 MCFD. 100 psi on csg. Same as last night. 06:30 hrs Change choke to 16/64" choke. 07:00 hrs-1750 psi- 2599 MCFD rate.

Time	Choke	Pressure	Rate(MCFD)	Comments
06:30	12/64	1950	1576	Dry gas
07:00	16	1750	2599	Dry gas
07:30	16	1650	2452	
08:00	16	1600	2378	Water mist(part time)
08:30	16	1500	2231	
09:00	16	1400	2084	Mist of water(part time)
09:30	16	1350	2010	Light water
10:00	16	1300	1937	dry gas
10:30	16	1250	1863	
11:00	16	1200	1789	watermist(occasionaly)
11:30	16	1200	1789	
12:00	16	1200	1789	
12:30	16	1200	1789	
13:00	16	1200	1789	
14:00	16	1200	1789	
15:00	16	1200	1789	

Blow well down. Rig up Adler Hot Oil Service. Kill tbg with 40 bbls water. Pump 40 bbls water down csg. Release packer. Finish running tbg. Run 41 more jts. Set packer @ 12178' KB with 370 jts. Rig up tbg to flowback manifold. Unload tbg to pit. Flow tbg on 16/64" choke to pit. 19:00 hrs- 1400 psi-2061 MCFD. Flow well to pit all night.
In A.M. Set pressure bombs with slickline.

October 19, 2007

06:30 hrs. 1050 psi on tbg flowing on 16/64" choke. 950 psi on csg. Very wet gas. Flow well to pit until 10 A.M. Pressure still @ 1050 psi. Still wet. SWI. Rig up Production Logging Services. Pick up pressure bombs. RIH. Get gradient pressure every 2000' on way in. Set guages in X nipple @ 12143' KB. Shear off. POOH. Rig down slickline. Hook tbg up to manifold. 1230 hrs- Flow tbg on 16/64" choke to pit. Starting pressures was 1800 psi. 18:00 hrs. SWI 1100 psi on tbg. Catch 2 gas samples and water sample. Leave well shut in until 8A.M. Monday Oct 22. Check pressures throughout weekend.

October 20, 2007

Check pressures on pressure buildup.

Time	Tbg pressure	Csg pressure
07:00	2300	950
12:00	2350	950
18:00	2375	950

October 21, 2007

Check pressures on pressure buildup.
07:00-Tbg- 2475 Csg -950

12:00 Tbg- 2500 Csg-950
18:00 Tbg- 2525 Csg-950
In A.M. Check Pressure, fish pressure guages, kill well, Pull tbg and packer.

October 22, 2007
950 psi on csg. 2625 psi on tbg. Rig up Production Logging Services Inc. Fish pressure guages. Take gradient pressure readings every 2000' on way out of the hole. Rig down slickline. Blow well down. Kill csg with 50 bbls water. Kill tbg with 60 bbls water. Release packer. Lay down 8 jts. POOH with 362 jts and packer. Well stayed dead the whole trip out of the hole. Lay down packer. SWIFN.
In A.M. Set bridge plug and perforate Entrada

October 23, 2007
750 psi on well. Rig up J W Wireline. Pick up HES 8K EZ Drill composite frac plug. RIH Corolate to JW Wireline log dated 9/15/07 Set Bridge Plug @ 12150' KB. 106' above Navajo perfs. 92' below Entrada perfs. Perforate Lower Entrada zone from 12037-12042', 12024-12029', 12014-12019', 12003-12008', 11994-11999', 11983-11988', 11952-11957' using3 1/8" slick guns, 23 gram charges, 0.42" EHD, 60 deg phasing, 4 SPF, 120 shots total. POOH. All shots fired. Rig down wireline. Perforated bottom 3 zones with pressure on wellhead. No change in pressure after perforating. Bled well off for last 4 zones. Slight blow on well before we perforated. No change after perforating. Pick up Nabors 5 ½" 10K Arrowset AE-1 Fullbore packer. RIH with tbg. Had to work on rig slips and tongs. Set packer @ 11913' KB with 362 jts. 39' above top Entrada perf. Rig up to swab. SFL was 5000'. Pull one swab. Swab 10 bbls. Gassy water. No blow after run. SWIFN.
In A.M. Swab well down. Acidize with Superior.

October 24, 2007
1025 psi on tbg. 450 psi on csg. Blow down tbg. Dry gas. Blew down to slight blow. Swab. Hit fluid @ 4000' but it was scattered up and down tbg. Pretty solid @ 7000'. Where we left it last night. Swab well dry. 19 bbls. Slight blow after every run. Make another swab run. Dry. Rig up Superior.(they were lost, had to find them). Acidize Lower Entrada perfs(12042-11957') with 1500 gallons 7.5% HCL acid. Pump 10 bbls water ahead. 300 gallons 7.5% HCL acid, 900 gallons acid with 200 7/8" 1.3 spec.grav. balls spaced evenly throughout the 900 gallons, 300 gallons acid. Then displace with 73 bbls water. To bottom perf @ 12042' plus one bbl. Caught pressure @ 67 bbls. 2 bbls short of tbg volume. Pressured up to 3100 psi. Lost all pressure(packer failure or bridge plug gave out.) Went ahead and pumped flush water volume. Caught pressure again @ 105 bbls pumped. Pressure increased to 5.2BPM @ 1720 psi. Finished job. Total fluid pumped 118.5 bbls. ISIP was 65 psi. Well went on vacuum in 25 seconds. When pressure went to zero csg pressure was 150 psi. Down from 450. I blew csg down. Steady blow on csg. As soon as quit pumping. Blow quit. Packer or bridge plug failure. Release packer. All the weight was still on packer. Run 7 jts back in well Tag plug@ 12150' KB. Bridge plug had not moved. Lay down 1 jt. Set packer@ 12125' KB. 25' above bridge plug and 83' below perfs. Pump down tbg. Tbg loaded with 8 bbls. Able to pump 3.0 BPM @ 850 psi. Steady blow on csg while pumping. Quit pumping blow on csg quits. Release packer.

Lay down 6 jts. Set packer@ 11913'KB. 44' above top perf. Pump down csg. Took ½ bbl to load csg. Able to pump down csg at 3 BPM @ 850 psi. Same rate and pressure as when pumping down tbg. Blow on tbg while pumping down csg. Release packer. Run 5 jts in hole. Packer @ 12078' KB. 36' below perfs. Roll hole with 300 bbls water. Acid was partially spent with some acid gas. Lay down 5 jts. Try to do breakdown. Pump down tbg. Hole was loaded. Pump 30 bbls total. Start @ 4.2 BPM @ 2540 psi. Increased rate to 5.3 BPM @ 3025 psi. No break but was able to pump into formation. Shut down ISIP was 1700 psi. 5 min-1360 psi. 10 min- 1120 psi. 15 min-950 psi. Bleed well down 4 bbls. Rig down Superior. Rig up to swab. Start swabbing. SFL was surface. Swab well down to 4200'. Csg on vacuum. Slight blow on tbg after every run. Swab gas cut water. Slight trace of acid. Swab 114 bbls. Set back swab. SWIFN
In A.M. Check pressures. Swab

October 25, 2007
1275 psi on tbg. 800 psi on csg. Blow tbg down. Blew down in 3 minutes. Rig up to swab. Swab. Starting fluid level was 2700'. Very gas cut water. Made 5 swab runs. 24 bbls. 138 bbls total. Strong blow on well after every run. Continous blow. Rig crew missed flag on 5th run. Ran the sinker bar into the oil saver. Parted sand line @ the tbg board. Sand line came over the crown. Nobody got hurt!! Sinker bar got stuck in lubricator. Did not drop anything down hole. Lay down lubricator and sinker bar. Enough swabbing with this crew!! Too many miscues!! Bled off casing. It was down to 600 psi. Took 15 min. Lot of gas volume. POOH laying down tbg on pipe racks. Lay down 362 jts(381 total) and packer. No rubbers on packer. Load out tbg equipment and floor. ND BOP. NU frac valve. SWIFN
In A.M. RDMO Leed rig Move pipe and racks

October 26, 2007
1075 psi on well. RDMO Leed rig 677. Move rig up to top of hill. Move tbg , pipe racks and cat walk to side of location. Finish filling frac tanks. Ready to frac on 10/27/07
In A.M. Set another composite bridge plug. Frac Entrada zones.

October 27, 2007
1500 psi on well. Rig up Stinger wellhead isolation tool. Rig up Haliburton. Lone Wolf had flat tire. 3 hrs late. Hang lubricator and sheive off of their crane. Lone Wolf crane broke down. PTO went out. Cannot get to lubricator or sheive safely. 65' in the air. Stinger would not let us use their crane. HES crane too small. Order new crane. Rig up new Lone Wolf crane. Pick up HES 8K 5 ½" FAS DRIL composite bridge plug.Set bridge plug @ 12140' KB. 10' above 1st plug and 98' below Lower Entrada perfs. POOH. SWIFN
In A.M. Frac Entrada, set plug, perforate, frac Upper Entrada.

October 28, 2007
1740 psi on well. HES, Stinger and Lone Wolf startup. Test lines to 6600 psi. Frac lower Entrada(11952-12042) using pHaser fluid system. Pump stages 1-9 as per frac design. Pump 5100 lbs 100 mesh frac sand and 92600 lbs 20/40 ceramic frac sand. Average rate was 30.8 BPM. Sluury rate- 13.3 CO2 rate – 18.0 Avg. Treating pressure was 4413 psi.

Had trouble with keeping blender tub levels during 3 lb stage. Trouble with valve. Repair valve. Lost sand concentration. Regained level, continued job. ISIP was 3010 psi . 0.68 frac gradient. 5min-2650 10 min-2446 15 min- 2297 psi. Shut well in. Rig up Lone Wolf. HES CO2 valve leaking. Froze off wellhead. Dig out ice and dump methanol. Pick up HES 8K EZ Dril Flowthru composite frac plug with 10' perforating gun. RIH. Cannot get thru wellhead. Ice. Pump 10 bbl water. Still cannot. Set weight on ice plug and have HES pump perforating gun thru plug. Went thru. RIH Set plug @ 11940' KB. Plug did not set. Lost 50 lbs of weight(norm 60-80 lbs). POOH. Order new plug. Plug rubbers were swelled out. Wait on new plug. Pick up new composite plug. RIH Set plug @ 11940' KB. 12' above Lower Entrada perfs and 20' below upper Entrada perfs. Perforate Upper Entrada from 11910-11920' KB using 3 1/8" slick guns, 0.42" EHD, 23 gram charges, 120 deg phasing, 27" PEN. Prior to shooting perforating gun have HES pump ½ BPM water. Shoot gun. POOH All shots fired. Rig down Lone Wolf. Hook HES up to wellhead. Frac Upper Entrada zone(11910-11920') using pHaser fluid system with CO2. Pump stages 1-9 as per frac design. Pump 2900 lbs of 100 mesh and 31,500 lbs of ceramic frac sand. Average Rate was 18.9 BPM(11.8 CO2, 7.1 fluid). Avg pressure was 3930 psi. Formation broke @ 5023 psi. ISIP was 3320 psi. 0.711 frac gradient. 5 min-2836. 10 min-2555. 15 min-2584. Had trouble maintaining correct CO2 rate. Pumps would not cooperate. Job went real smooth. Shut frac valve. RD HES. Rig down Stinger. Rig up flow back manifold. Fluid to recover. 1st stage-645 bbls. 2nd stage-356 bbls. 1001 total. Start flow back 19:15 hrs. 1775 psi on 14/64" choke. 100 % water to start with.

October 29, 2007

Flow Back

10:00 am	24ck	700 psi	no fluid	2.4 mmcfd
11:00 am	24ck	750 psi	no fliud	2.5 mmcfd
12:00 pm	24ck	850 psi	no fluid	2.9 mmcfd

Flow Back (cont)

1:00 pm	24ck	1050 psi	21bbls	3.6 mmcfd
2:00 pm	24 ck	1150 psi	42bbls	3.9 mmcfd
3:00 pm	24ck	1450 psi	63bbls	4.9 mmcfd
4:00 pm	24ck	1700 psi	42bbls	5.8 mmcfd
5:00 pm	24ck	1750 psi	47bbls	5.9 mmcfd

702 Bbls to be recovered

October 30, 2007

1:00 am	24ck	2100 psi	no fluid	7.1 mmcfd	
6:00 am	24ck	2175 psi	no fluid	7.4 mmcfd	
10:00 am	24ck	2300 psi	no fluid	7.8 mmcfd	
4:00 pm	24ck	2225 psi	no fluid	7.6 mmcfd	14% CO2
9:00 pm	24ck	2225 psi	no fluid	7.6 mmcfd	

October 31, 2007

1:00 am	24ck	2200 psi	no fluid	7.5 mmcfd	
6:00 am	24ck	2200 psi	no fluid	7.5 mmcfd	
10:00 am	24ck	2150 psi	no fluid	7.3 mmcfd	
5:00 pm	24ck	2150 psi	no fluid	7.3 mmcfd	
9:00 pm	24ck	2125 psi	no fluid	7.2 mmcfd	

November 1, 2007

1:00 am	24ck	2100 psi	no fluid	7.1 mmcfd	
6:00 am	24ck	2050 psi	no fluid	7.0 mmcfd	
10:00 am	24ck	2040 psi	no fluid	6.9 mmcfd	Gas sample
5:00 pm	24ck	2040 psi	no fluid	6.9 mmcfd	
9:00 pm	24ck	2000 psi	slight mist	6.8 mmcfd	

November 2, 2007

1:00 am	24ck	1950 psi	slight mist	6.6 mmcfd	
6:00 am	24ck	1900 psi	slight mist	6.5 mmcfd	
10:00 am	24ck	1900 psi	slight mist	6.5 mmcfd	
4:00 pm					Gas sample, SI well

Work Over Report
Miller Dyer & Co, LLC
UTE Tribal 6-16-14-20
SENW Sec 16, T14S-R20E
Uintah County, Utah

December 17, 2007
SICP 3100 psi. RU Wireline truck and lubricator with grease injection . Attempt to make gauge ring run. Couldn't get frac valve open all the way – appear to have some ice behind gate. RD lubricator, crane and wireline truck. Move in, spot rig. SDFN @ 5:30 pm.

December 18, 2007
SICP 3075 psi. Repaired rig governor hose. RU Stone Well Service Rig 3. RU Well head heater. Dumped methanol down master valve, onto frac valve. Heated well head. Was able to get 38 full turns on frac valve – should be fully open. Remove snow from cat walk, tubing & flow back manifold. SDFN @ 4:30 pm.

December 19, 2007
SICP 3150 psi. Open Frac Valve – leaking badly at packing. Closed valve – still leaking. Worked valve – still leaking. Opened well on 17 choke for 30 min. Pressure

down to 3050 psi. Leak stopped. MU Stinger isolation tool & run thru frac valve. Repack valve stem. Leak stopped. RU Cased Hole Solutions – RIH with Halliburton 10 K CBP. Set plug @ 11,800'. Casing pressure 3185 psi on gauge in logging truck. POH, bleed off pressure to 2270 psi. Monitored pressure for 15 min. – 2278 psi – plug holding. Closed frac valve & RD Cased Hole Solutions. MU Master Valve above frac valve. SDFN @ 10:30 pm.

December 20, 2007
SICP 2200 psi. Bleed off casing pressure. Pump 120 bbl water down csg. and monitor pressure for 30 min. – dead. Remove Stinger Frac Valve, NU Spool, Pipe & Blind Rams and Hydril BOP, RU Floor. MU 4 ¾" Blade Bit (.33'), Conventional Bit Sub (1.04'), 1 jt. 2 7/8" 6.5#, N-80, LTC tbg (32.90'), 1 - 2.313" XN Nipple w/PXN flow thru plug installed – nipple no-go ID 2.05" (1.30'), 1 jt 2 7/8" tbg (32.91'), 1 - 2.312" X Nipple (1.25') & 28 jts 2 7/8" tbg (918.73'). MU tbg valve, close BOP & csg valve. SDFN @ 7:00 pm.

December 21, 2007
SICP 50 psi – blow down to pit. Snowed over night – cleared pipe rack and rig. Had to get the road into location plowed. Tally, PU & RIH with 2 7/8" tubing – LD 1 crimped jt (32.92'). Have 358 jts tbg in hole – bit @ 11772'. Install tbg valve, close csg valves and close BOP. SDFN @ 7:00 pm.

December 22, 2007
SICP 40 psi – blow down to pit. – 7 degrees with light wind. Thaw water tank valve, RU Weatherford foam unit, MU Washington Head Rubber, RU Power Swivel. Pump air and water down tbg. Blow water from well. Run in to Kill Plug @ 11,800'. Drill plug, RIH, tagged up @ 11913', about the top of Upper Entrada perfs. Clean out to composite BP @ 11940'. Drill plug & circ down to 11971' (19' below top of lower Entrada perfs). Flow back manifold froze off. Cleared manifold – unable to drill below 11971' – dragging slightly pulling up – stacking out trying to get back to 11971'. Can't rotate, Power Swivel torquing – stalling out. Attempted to pull above top perfs for the night. Pulled 1 jt, Washington Rubber washed out. Closed pipe rams – not holding.
Tried to close hydril – hydraulic hose nipple cracked – changed hoses with gas blowing thru Washington head. Closed Hydril and manually locked pipe rams – well not leaking. Have 363 jts. tbg. in well – bit @ 11936. SDFN@ 7:00 pm.

December 23, 2007
3000 psi SICP. Only have 2 of the rig hands and the TP. Temperature about 15 degrees. RU well heater and get heat on the BOP's & valves. Attempted to PU on tbg. & pull slips to remove Washington Head – stuck – no stretch. Finally warmed up enough, able to pull slips. Remove Nabors Washington Head and MU Weatherford Head and Spool. Pulled 2 jts tbg. Closed Hydril, removed Washington Head Rubber, MU landing donut RI, and attempt to land tbg – could not get the donut thru the Hydril. Measurement indicates we are stacking out 6" above the bottom of the Hydril. Worked Hydril & Pipe Rams and made several attempts to run thru Hydril –not successful. Close Hydril, close

and lock Pipe Rams. TIW valve in tbg, Well secure. SD until Thursday 12/27/07. Going to try to pump methanol thru BOP's to clear ice blockage.

December 27, 2007
Temperature 7 degrees below zero. SICP 2700 psi, SITP about 40 psi – blew down tbg pressure. Started WH heater. Opened casing to pit to blow down pressure – have to change Washington Head Rubber – Producing a ½" to 1 ½" stream of water. Pulled Rubber and landing donut. The packoff rubber on the donut is torn into 2 pieces. MU new Washington rubber and tried to run thru Hydril with the donut (without packoff) to see if hydril is relaxing. Could not run thru hydril. Going to have BOP hand out in the morning and also a hot oil truck to pump 5-10 bbl. 200 degree water thru BOP's. Leaving the well head heater going over night. Flowing Casing Pressure down to 200 psi and water production had stopped. Closed & Locked Pipe Rams, Closed Hydril, SI casing.

December 28, 2007
Temperature 4 degrees below zero. SICP 2400 psi; SITP about 40 psi – blew down tbg. pressure. Opened well to pit & blew down pressure. Hook up Adler Hot Oiler & pump 25 bbl hot water thru port below Washington head & across BOP's. Broke lines – well on slight vacuum. Removed Pipe Ram rubbers – on one of the rubbers, the metal plate was bent and the bolt holding the rubber in place was pulled & bent. Replace rubbers. Pulled landing donut. There are dings on the bottom of the donut where we were setting down on something. Removed Washington Head, spool and Nabors Hydril. NU stack with the spool on top of the pipe rams, Weatherford Hydril and Washington head. Still can't go down with tbg. Able to get about 4 ft. below the floor. Stab Washington Rubber on jt tbg and ran into head and locked. MU Power Swivel. Tbg. torquing – ran about 2300, tbg turning very slow, torquing. Acts like there is something along side the tbg string. Closed and locked Pipe Rams, Closed Hydril, well secure. SDFN @ 5:30 pm.

December 29, 2007
SICP 1750 psi. Blow down to pit Pull 17 jts tbg, pulled free – able to go down. Tbg. was packed off and had pressure trapped below. Flowing pressure increased to 3000 psi within minutes. Open up to pits on 1 to 3 parallel chokes – kept plugging chokes with rubber, sand, general trash. Blew pressure down to about 1100 psi. RI with 21 jts. Back to where we had cleaned out to previously. RIH to 12,102' – didn't tag anything, didn't have to clean out any sand. Continued down 2 jts to 12168'- did not tag CBP that were supposed to be at 12,140' and 12,150' – plugs no longer there. Pull and LD 9 jts tbg. Tubing String In Hole: 359 jts 2 7/8" 6.5#, N-80, LTC Tbg (11,793.24'), 2.313" X Nipple (1.25'), 1 jt 2 7/8" 6.5# N-80, LTC Tbg (32.91'), 2.313" XN Nipple with PXN Flow Thru Plug installed (1.30'), 1 jt 2 7/8" 6.5#, N-80, LTC Tbg (32.90'), Bit Sub- 3 ¾" OD x 1.75" ID (1.04'), 4 ¾" Blade Bit (.33'). X Nipple @ 11,811.24' to 11,812.49'; XN Nipple @ 11845.40' to 11846.70'; Bottom of Bit @ 11880.97' – All KB Depths. MU landing donut and strip in thru BOP's. Land tubing, tighten lock down lugs. Bled down pressure – hanger is sealing.. Installed TIW valve in tbg, closed pipe rams, secured well. SDFN @ 5:00 pm.

December 30, 2007

SICP 2900 psi; SITP 2200 psi. Blew down tubing pressure. RD floor, ND BOP, MU Well Head. RD Stone Well Service Rig 3. Load out BOPE. Have 20 jts 2 7/8" 6.5#, N-80, LTC tbg left on location – 19 good jts (624.81') and 1 crimped jt (32.92'). Rig off location at 2:30 pm 12/30/07. Delsco Wireline lined up to pull flow thru plug out of XN Nipple, Wednesday 1/2/08 – They plan to be on location about 10:00 am. Final Report

WORKOVER REPORT
MILLER DYER & Co, LLC
UTE TRIBAL 6-16
SENW Sec 16, T15S-R20E
UINTAH COUNTY, UTAH

March 17, 2008

Snowed 4"-6" over night – lease roads bad. Got PLS slickline truck down hill to location but couldn't rig or snub unit down to location – had to wait for motor grader to clear snow off the lease road. RU PLS – SICP 2000 psi. RIH with XN plug – couldn't get thru X nipple. Got plug to 10810' KB – wireline depth. X nipple at 10811' KB – tubing tally. POH, had slight flare on 2 of the seals on the plug. Change seals on plug (and caliper). Made 2nd run. Plug hung up @ 10810' – hung up and pulled off running tool. POH, MU retrieving tool, RIH. Latched onto the plug, drug up hole 40', sheared off. Made 4 more runs, sheared off each time. RD PLS. Got rig & snub unit down to location. Attempted to RU rig – stuck in mud on location. Wait for dozer. Lay line to pit, open tbg. on 8/64 choke – SICP 2060 psi & SITP 2100 psi. RU Leed Rig 732 while flowing tubing. Tubing pulled down to about 1600 psi, CP stayed about 2060 psi. Then the TP started increasing to 1800 psi and the CP dropped to 1980 psi – plug apparently came free and coming up hole. SI flow line – pumped 50 bbl water down tbg. SI well and SDFN @ 7:00 pm.

Estimated Costs

Leed Rig 732	$ 5,375
Mtn. States Pressure Control	8,995
PLS – Slick Line	5,320
Chapman – Dozer & Grader	700
Supervision – PEMI	1,250
Daily Cost	$21,640

March 18, 2008

7:00 am SITP 600 psi; SICP 2100 psi. Pumped 49 bbl water down tbg – pressured up to 1000 psi. Appears XN plug may be in either the X or XN nipples. Bled tubing pressure down to 10 psi – SI, removed TIW valve and RU JW Wireline. RI with GR/CCL – correlate to GR on CBL. X nipple @ 11802', (wireline depth) – set down @ 11830'. POH, PU CIBP & RIH, correlate to CCL. Set CIBP in tubing @ 11825' – between X & XN nipples. POH, RD JW Wireline. NU rig BOP. RU Mountain States Pressure Control equipment. Pull and LD tubing hanger, MU tubing collar and install TIW valve. Close TIW valve, close & lock BOP's. SDFN @ 7:15 pm.

Estimated Costs

Rig – Leed 732	$ 5,385
Wireline – JW	15,030
Snub Unit – Mnt. States Pressure Control	6,300
Supervision – PEMI	1,250
Daily Cost	$27,965
Cum Cost	$49,605

WORKOVER REPORT
MILLER DYER & Co, LLC
UTE TRIBAL 6-16
SENW Sec 16, T14S-R20E
UINTAH COUNTY, UTAH

March 19, 2008
SICP 2200 psi; Tbg. dead. Held safety meeting, check equipment. PU & RIH with 10 jts 2 7/8" tubing to 12183'. Pull & LD 10 jts tbg. Pull & stand back 36 stands tbg dry & 115 stands wet. Wireline truck stuck in mud on location – need dozer to pull out. Snub out with 28 stands. Ran sash cord with wt. down single – CIBP is set above X nipple. Snub out triple with X nipple, XN nipple, Bit Sub & Bit. Closed and locked blind rams & bled off pressure. Laid triple on ground. RD snub equipment & SDFN @ 6:30 pm.

Estimated Costs

Rig – Leed	$ 5,475
Dozer – Chapman	750
Snubbers – Mtn. States Press. Control	6,800
Vac Truck – R.N. Inductries	1,835
Supervision – PEMI	1,250
Daily Cost	$16,110
Cum Cost	$65,715

March 20, 2008
SICP 2300 psi. RU JW Wireline. RI with 4.75" OD gauge ring to 12,200'. POH, LD gauge ring & PU 4.68" OD CIBP. RI & set BP @ 12, 175'. POH, RD JW Wireline. RU Mtn. States Pressure Control equipment. MU Weatherford Pump Off Sub (.50') on bottom of jt of 2 7/8" tbg. (32.82'), snub in. MU 2.312" ID XN nipple (1.28'), MU jt of 2 7/8" tbg (32.86'), snub in. MU 2.31" ID X nipple (1.22'). PU & snub in 3 more singles (98.65'). Start snubbing stands. Snub in with 18 stands tubing and run in with 69 stands. Close and lock BOP's, SDFN @ 7:00 pm.

Estimated Costs

Rig – Leed	$ 4,555
Snub Unit – Mtn. States Press. Control	6,600
Subs & Nipples – Weatherford	2,400
Wireline – JW	17,825
Supervision – PEMI	1,250
Daily Cost	$32,630
Cum Cost	$98,345

WORKOVER REPORT
MILLER, DYER & Co, LLC
UTE TRIBAL 6-16
SENW Sec 16, T14S-R20E
UINTAH COUNTY, UTAH

March 21, 2006

SICP 2300 psi. Open rig BOP & equalize across snub stack. RIH with 70 stands tbg. PU landing jt. with tbg hanger. MU new seal on hanger. RI and land tbg. Tubing landed with 359 jts 2 7/8" 6.5#, N-80 tubing (11794.18'), 2.31" ID X Nipple (1.22'), 1 jt. 2 7/8" 6.5#, N-80 tbg (32.86'), 2.31" ID XN Nipple (1.28'), 1 jt 2 7/8" 6.5#, N-80 tbg (32.82'), Weatherford Pump Out Plug (.50'). Pump out plug will convert to a wireline reentry guide after plug is pumped out. X Nipple @ 11813' KB; XN Nipple @ 11846' KB; EOT @ 11881' KB. RD Mtn. States Pressure Service and ND rig BOP & NU Tree. Pump 30 bbl water down tubing. Rig down Leed Rig 732 while waiting for Cudd Nitrogen pump truck. RU Cudd, cool down and PT to 5000 psi. Pump 85,525 cf N2 down tubing. Pump out plug @ 4200 psi. RD Cudd, tighten well head studs. Open to well and flow back nitrogen. Turned over to production @ 3:00 pm. By 3:30 was flowing back water with gas.

Estimated Costs

Rig – Leed 732	$ 4,300
Snub Unit – Mtn. States Pressure Service	7,694
Nitrogen Pumper – Cudd	13,190
Outback Rental – Trucking	1,400
Supervision – PEMI	1,250
Daily Cost	$ 27,834
Cum Cost	$126,179

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47502
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Ute Tribal 6-16-14-20
9. API NUMBER: 4304738506
10 FIELD AND POOL, OR WILDCAT: Flat Rock

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: Miller, Dyer & Co. LLC

3. ADDRESS OF OPERATOR: 475 17th St Suite 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 292-0949

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1846 FNL 2065 FWL SENW Sec 16 14S-20E
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2397 FNL 1692 FWL SENW Sec 16 14S-20E
AT TOTAL DEPTH: 2397 FNL 1692 FWL SENW Sec 16 14S-20E

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 16 14S 20E S
12. COUNTY: Uintah
13. STATE: UTAH

14. DATE SPUDDED: 7/16/2007
15. DATE T.D. REACHED: 7/5/2007
16. DATE COMPLETED: 4/11/2008 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 6858 KB

18. TOTAL DEPTH: MD 12,517 TVD 12,474
19. PLUG BACK T.D.: MD 12495 TVD 12452
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD 12,182 TVD 12,192

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Per DKD
ACRt, DSN/SDL, WST, GR, SP, CBL

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26"	20"		0	40				Surface	
12-1/4"	9-5/8" J-55	36	0	3,420		750		Surface	
8-7/8"	5-1/2" N-80	17	0	12,510	10,392	1,45[illegible]		Surface	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11,881							

26. PRODUCING INTERVALS ENRD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Navajo	12,256	12,290	12,213	12,247
(B) Entrada	11,910	12,042	11,840	11,378
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
12,256	12,290	0.42	52	Open ☑ Squeezed ☑
11,910	12,042	0.42	180	Open ☑ Squeezed ☐
				Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12,256-12,290	Acidize with 1500 gal, 7.5% HCl, Frac with 73000# 20/40 and 100 mesh sand with 143 tons CO2
11,910-12,042	Acidize with 1500 gal, 7.5% HCl, Frac with 132000# 20/40 and 100 mesh sand with 253 tons CO2

29. ENCLOSED ATTACHMENTS:
☑ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: CBL, Perf Recor

30. WELL STATUS: Producing

(5/2000) (CONTINUED ON BACK)

RECEIVED
JUL 08 2008
DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION — **INTERVAL A (As shown in Item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
		10/16/2007		72						Flow up Tbg
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
16	1,200			1,030				1,789		Below CIBP

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
2/8/2008		10/29/2007		120						Flow up Tbg
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
24	1,900			1,030				6,500		Open

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch	3,442	4,614	Gas / water sand	Green River	0
Mesaverde	4,614	6,634	Gas / water sand	Wasatch	3,442
Castlegate	6,634	6,832	Sandstone	Mesaverde	4,614
Mancos	6,832	10,893	Sand / shale	Castlegate	6,634
Dakota Group	10,893	11,280	Sand / shale	Dakota	10,893
Morrison	11,280	11,883	Sand / shale	Morrison	11,280
Entrada	11,883	12,168	Gas sand	Entrada	11,883
Carmel	12,168	12,240	Shale	Wingate	12,433
Kayenta	12,240	12,433	Gas / water sand		
Wingate	12,433		Gas / water sand		

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) John E. Dyer TITLE Manager

SIGNATURE [signature] DATE 7/8/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Ute Tribal 6-16-14-20 Perforation Record
API: 43-047-38506

Formation	Interval	Size	No. Holes	Perforation Status
Navajo	12,282-12,290	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	32	Below CIBPs @ 12182' &12192'
Navajo	12,256-12,261	23 gm, 0.41" entry holes, 120 degree phasing, 4 spf	20	Below CIBPs @ 12182' &12192'
Lower Entrada	12,037-12,042	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	12,024-12,029	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	12,014-12,019	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	12,003-12,008	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	11,994-11,999	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	11,983-11,998	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Lower Entrada	11,952-11,957	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	20	Open
Upper Entrada	11,910-11,920	23 gm, 0.42" entry holes, 120 degree phasing, 4 spf	40	Open

Weatherford®

Drilling Services

FINAL SURVEYS

MILLER, DYER & COMPANY, LLC

UTE TRIBAL 6-16-14-20

UINTAH COUNTY, UTAH

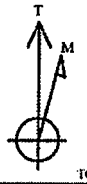
WELL FILE: **FINAL**

OCTOBER 18, 2007

Weatherford International, Ltd.
15710 John F. Kennedy Blvd., Suite 700
Houston, Texas 77032 USA
+1.281.260.1300 Main
+1.281.260.4730 Fax
www.weatherford.com

MILLER, DYER & CO, LLC

UTE TRIBAL 6-16-14-20
SHL SEC 16-T14S-R20E
1846' FNL, 2065' FWL
UINTAH COUNTY, UTAH



Azimuths to True North
Magnetic North: 11.61°

Magnetic Field
Strength: 52516nT
Dip Angle: 65.63°
Date: 7/26/2007
Model: bggm2006

TOTAL CORRECTION TO TRUE NORTH: 11.61°

FIELD DETAILS

UINTAH COUNTY, UTAH

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: bggm2006

System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	218.09	0.00	0.00	0.00	0.00	0.00	0.00	
2	6914.67	0.00	218.09	6914.67	0.00	0.00	0.00	0.00	0.00	KOP
3	7831.34	13.75	218.09	7822.56	-86.15	-67.53	1.50	218.09	109.47	HOLD
4	9687.06	13.75	218.09	9625.11	-433.29	-339.65	0.00	0.00	550.54	DROP
5	10603.73	0.00	218.09	10533.00	-519.44	-407.18	1.50	180.00	660.01	DAKOTA SILT/HOLD
6	12470.73	0.00	218.09	12400.00	-519.44	-407.18	0.00	0.00	660.01	PBHL

SITE DETAILS

UTE TRIBAL 6-16-14-20
1846' FNL 2065' FWL SECT 16-T14S-R20E

Site Centre Latitude: 39°36'05.290N
Longitude: 109°41'06.370W

Ground Level: 6838.00
Positional Uncertainty: 0.00
Convergence: 1.16

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
UT 6-16-14-20	0.00	0.00	7028765.78	2151749.04	39°36'05.290N	109°41'06.370W	N/A

CASING DETAILS

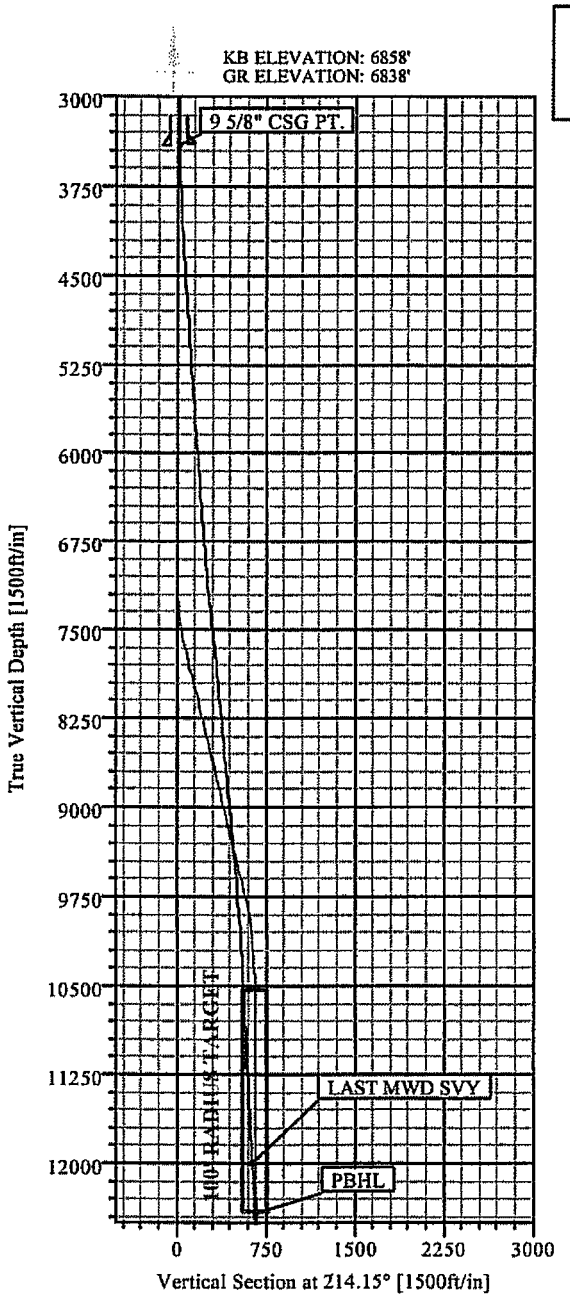
No.	TVD	MD	Name	Size
1	60.00	60.00	20" CONDUCTOR	20.000
2	3400.00	3400.21	9 5/8" CSG PT.	9.625

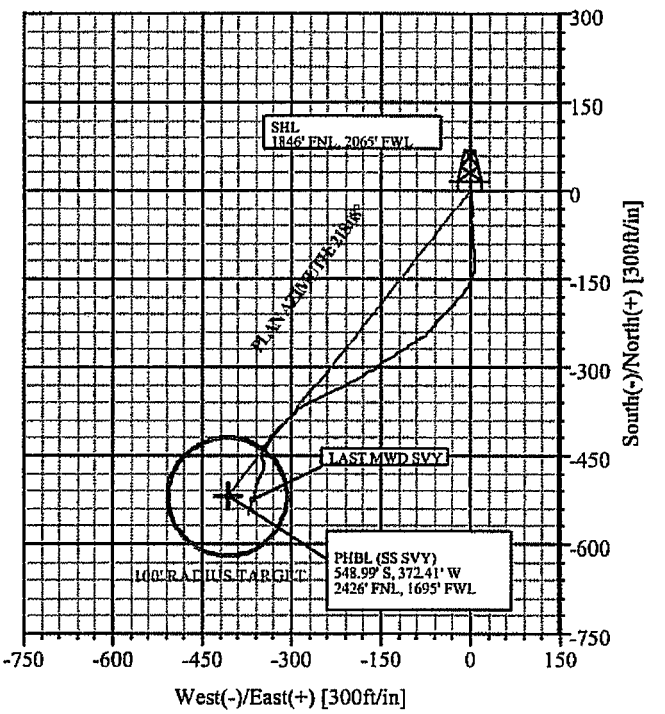
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	12400.00	-519.44	-407.18	7028238.19	2151352.48	Circle (Radius: 100)

Survey: Survey #2 (UT 6-16-14-20/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
4	12444.00	2.50	197.00	12414.42	-548.99	-372.41	0.00	0.00	663.38





Survey: Survey #2 (UT 6-16-14-20/1)

Created By: ROBERT SCOTT Date: 10/18/2007

Weatherford International, Ltd.
Survey Report

Company:	MILLER, DYER & CO.	**Date:**	10/18/2007	**Time:** 10:04:57	**Page:** 1
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UTE TRIBAL 6-16-14-20, True North		
Site:	UTE TRIBAL 6-16-14-20	**Vertical (TVD) Reference:**	SITE 6858.0		
Well:	UT 6-16-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,214.15Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Field: UINTAH COUNTY, UTAH

Map System:	US State Plane Coordinate System 1983	**Map Zone:**	Utah, Central Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Site Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	bggm2006

Site: UTE TRIBAL 6-16-14-20

1846' FNL 2065' FWL SECT 16-T14S-R20E

Site Position:		**Northing:**	7028765.78 ft	**Latitude:**	39	36	5.290	N
From:	Geographic	**Easting:**	2151749.04 ft	**Longitude:**	109	41	6.370	W
Position Uncertainty:	0.00 ft			**North Reference:**			True	
Ground Level:	6838.00 ft			**Grid Convergence:**			1.16	deg

Well: UT 6-16-14-20 **Slot Name:**

Well Position:	+N/-S	0.00 ft	**Northing:**	7028765.78 ft	**Latitude:**	39	36	5.290 N
	+E/-W	0.00 ft	**Easting:**	2151749.04 ft	**Longitude:**	109	41	6.370 W
Position Uncertainty:		0.00 ft						

Wellpath: 1 **Drilled From:** Surface

Tie-on Depth: 0.00 ft

Current Datum:	SITE	**Height** 6858.00 ft	**Above System Datum:** Mean Sea Level
Magnetic Data:	7/26/2007		**Declination:** 11.61 deg
Field Strength:	52516 nT		**Mag Dip Angle:** 65.63 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0.00	0.00	0.00	214.15

Survey Program for Definitive Wellpath

Date: 10/18/2007 **Validated:** No **Version:** 3

Actual From ft	**To** ft	**Survey**	**Toolcode**	**Tool Name**
3520.00	12034.00	Survey #1 (3520.00-12034.00)	MWD	MWD - Standard
12230.00	12444.00	Survey #2 (12230.00-12444.00)	SS SURVEYS	ISCWSA

Survey

MD ft	**Incl** deg	**Azim** deg	**TVD** ft	**+N/-S** ft	**+E/-W** ft	**VS** ft	**DLS** deg/100ft	**Build** deg/100ft	**Turn** deg/100ft	**Tool/Comment**
0.00	0.00	218.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
3520.00	1.13	174.99	3519.77	-34.58	3.03	26.91	0.03	0.03	0.00	MWD
3611.00	1.11	176.76	3610.75	-36.35	3.16	28.31	0.04	-0.02	1.95	MWD
3703.00	1.31	180.99	3702.73	-38.29	3.19	29.90	0.24	0.22	4.60	MWD
3793.00	1.94	181.74	3792.70	-40.84	3.13	32.04	0.70	0.70	0.83	MWD
3883.00	2.06	207.24	3882.64	-43.80	2.34	34.94	0.99	0.13	28.33	MWD
3973.00	3.13	182.36	3972.55	-47.70	1.50	38.63	1.70	1.19	-27.64	MWD
4063.00	3.63	178.49	4062.40	-53.00	1.47	43.03	0.61	0.56	-4.30	MWD
4154.00	4.31	177.36	4153.18	-59.30	1.71	48.11	0.75	0.75	-1.24	MWD
4244.00	5.00	175.74	4242.88	-66.59	2.15	53.90	0.78	0.77	-1.80	MWD
4335.00	5.19	174.61	4333.52	-74.64	2.83	60.18	0.24	0.21	-1.24	MWD
4396.00	5.25	175.49	4394.27	-80.17	3.31	64.48	0.16	0.10	1.44	MWD
4456.00	4.94	175.61	4454.03	-85.48	3.73	68.65	0.52	-0.52	0.20	MWD
4484.00	4.94	174.74	4481.93	-87.88	3.93	70.52	0.27	0.00	-3.11	MWD
4514.00	4.88	173.24	4511.82	-90.44	4.20	72.48	0.47	-0.20	-5.00	MWD
4544.00	4.75	174.36	4541.71	-92.94	4.47	74.40	0.53	-0.43	3.73	MWD
4685.00	4.44	172.36	4682.26	-104.16	5.77	82.96	0.25	-0.22	-1.42	MWD
4718.00	4.25	174.61	4715.16	-106.64	6.05	84.85	0.77	-0.58	6.82	MWD
4748.00	4.13	174.36	4745.08	-108.82	6.27	86.54	0.40	-0.40	-0.83	MWD
4778.00	4.19	175.36	4775.00	-110.99	6.46	88.23	0.31	0.20	3.33	MWD
4812.00	4.31	172.86	4808.91	-113.50	6.72	90.15	0.65	0.35	-7.35	MWD
4876.00	4.25	174.99	4872.73	-118.25	7.23	93.80	0.27	-0.09	3.33	MWD

Weatherford International, Ltd.
Survey Report

Company:	MILLER, DYER & CO.	**Date:**	10/18/2007	**Time:** 10:04:57	**Page:** 2
Field:	UINTAH COUNTY, UTAH	**Co-ordinate(NE) Reference:**	Site: UTE TRIBAL 6-16-14-20, True North		
Site:	UTE TRIBAL 6-16-14-20	**Vertical (TVD) Reference:**	SITE 6858.0		
Well:	UT 6-16-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,214.15Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:** Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4940.00	4.44	181.99	4936.55	-123.08	7.35	97.73	0.88	0.30	10.94	MWD
5003.00	4.69	184.11	4999.35	-128.09	7.08	102.03	0.48	0.40	3.37	MWD
5067.00	4.31	189.36	5063.15	-133.07	6.50	106.48	0.88	-0.59	8.20	MWD
5131.00	3.94	199.24	5126.99	-137.52	5.38	110.79	1.25	-0.58	15.44	MWD
5194.00	3.94	199.99	5189.84	-141.60	3.93	114.98	0.08	0.00	1.19	MWD
5267.00	3.95	198.44	5262.66	-146.34	2.28	119.83	0.15	0.01	-2.12	MWD
5321.00	3.75	196.86	5316.54	-149.80	1.18	123.30	0.42	-0.37	-2.93	MWD
5384.00	3.75	201.36	5379.41	-153.69	-0.17	127.28	0.47	0.00	7.14	MWD
5448.00	3.81	205.11	5443.27	-157.56	-1.84	131.42	0.40	0.09	5.86	MWD
5512.00	4.13	211.24	5507.11	-161.46	-3.93	135.82	0.83	0.50	9.58	MWD
5576.00	4.63	208.49	5570.93	-165.70	-6.36	140.70	0.85	0.78	-4.30	MWD
5639.00	4.69	210.36	5633.72	-170.15	-8.88	145.80	0.26	0.10	2.97	MWD
5703.00	4.38	217.74	5697.52	-174.34	-11.69	150.85	1.03	-0.48	11.53	MWD
5766.00	4.75	222.74	5760.32	-178.16	-14.94	155.83	0.86	0.59	7.94	MWD
5830.00	4.56	223.74	5824.11	-181.95	-18.49	160.95	0.32	-0.30	1.56	MWD
5894.00	4.38	223.74	5887.91	-185.55	-21.94	165.87	0.28	-0.28	0.00	MWD
5958.00	4.13	221.61	5951.74	-189.04	-25.16	170.57	0.46	-0.39	-3.33	MWD
6021.00	3.94	219.49	6014.58	-192.41	-28.05	174.97	0.38	-0.30	-3.37	MWD
6076.00	4.19	220.49	6069.44	-195.39	-30.55	178.85	0.47	0.45	1.82	MWD
6146.00	4.31	221.86	6139.25	-199.30	-33.97	184.00	0.22	0.17	1.96	MWD
6209.00	4.31	224.36	6202.07	-202.75	-37.20	188.67	0.30	0.00	3.97	MWD
6272.00	4.25	227.11	6264.90	-206.03	-40.57	193.28	0.34	-0.10	4.37	MWD
6335.00	3.88	227.86	6327.74	-209.05	-43.86	197.62	0.59	-0.59	1.19	MWD
6397.00	3.88	225.49	6389.60	-211.93	-46.91	201.72	0.26	0.00	-3.82	MWD
6461.00	4.25	221.24	6453.44	-215.23	-50.02	206.20	0.75	0.58	-6.64	MWD
6523.00	4.13	216.99	6515.27	-218.74	-52.88	210.71	0.54	-0.19	-6.85	MWD
6586.00	4.56	217.22	6578.09	-222.55	-55.76	215.47	0.68	0.68	0.37	MWD
6650.00	4.81	216.36	6641.87	-226.73	-58.88	220.69	0.41	0.39	-1.34	MWD
6702.00	4.88	218.24	6693.69	-230.23	-61.55	225.08	0.33	0.13	3.62	MWD
6765.00	4.75	220.11	6756.47	-234.33	-64.89	230.35	0.32	-0.21	2.97	MWD
6797.00	4.81	220.24	6788.36	-236.36	-66.61	233.00	0.19	0.19	0.41	MWD
6829.00	5.00	223.36	6820.24	-238.40	-68.43	235.71	1.02	0.59	9.75	MWD
6861.00	5.00	226.99	6852.12	-240.37	-70.41	238.44	0.99	0.00	11.34	MWD
6892.00	4.88	227.36	6883.00	-242.18	-72.36	241.04	0.40	-0.39	1.19	MWD
6955.00	5.06	232.11	6945.76	-245.70	-76.53	246.30	0.71	0.29	7.54	MWD
7018.00	5.81	236.74	7008.48	-249.16	-81.39	251.88	1.38	1.19	7.35	MWD
7081.00	5.94	236.86	7071.15	-252.69	-86.78	257.84	0.21	0.21	0.19	MWD
7112.00	5.88	236.74	7101.99	-254.44	-89.45	260.78	0.20	-0.19	-0.39	MWD
7144.00	5.75	235.11	7133.82	-256.25	-92.14	263.79	0.66	-0.41	-5.09	MWD
7206.00	6.13	235.61	7195.49	-259.90	-97.42	269.77	0.62	0.61	0.81	MWD
7269.00	6.38	234.74	7258.11	-263.82	-103.05	276.18	0.42	0.40	-1.38	MWD
7332.00	6.13	232.74	7320.74	-267.88	-108.59	282.64	0.53	-0.40	-3.17	MWD
7395.00	6.75	236.61	7383.34	-271.95	-114.36	289.25	1.20	0.98	6.14	MWD
7458.00	6.81	239.24	7445.90	-275.90	-120.66	296.06	0.50	0.10	4.17	MWD
7521.00	6.75	239.36	7508.46	-279.70	-127.05	302.79	0.10	-0.10	0.19	MWD
7584.00	6.63	238.86	7571.03	-283.47	-133.35	309.45	0.21	-0.19	-0.79	MWD
7656.00	6.50	238.99	7642.56	-287.71	-140.40	316.92	0.18	-0.18	0.18	MWD
7710.00	6.19	236.86	7696.23	-290.88	-145.46	322.38	0.72	-0.57	-3.94	MWD
7772.00	5.63	234.61	7757.90	-294.47	-150.74	328.31	0.98	-0.90	-3.63	MWD
7835.00	5.13	229.61	7820.62	-298.08	-155.40	333.92	1.09	-0.79	-7.94	MWD
7898.00	5.38	235.86	7883.36	-301.57	-159.99	339.38	0.99	0.40	9.92	MWD
7961.00	5.94	241.99	7946.05	-304.76	-165.32	345.01	1.31	0.89	9.73	MWD
8024.00	5.69	241.99	8008.73	-307.75	-170.95	350.65	0.40	-0.40	0.00	MWD

Weatherford International, Ltd.

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Site:	UTE TRIBAL 6-16-14-20	**Vertical (TVD) Reference:**	SITE 6858.0
Well:	UT 6-16-14-20	**Section (VS) Reference:**	Well (0.00N,0.00E,214.15Azi)
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
8087.00	6.26	239.41	8071.38	-310.97	-176.66	356.52	1.00	0.90	-4.10	MWD
8150.00	6.38	237.11	8134.00	-314.62	-182.56	362.85	0.44	0.19	-3.65	MWD
8213.00	6.19	234.74	8196.62	-318.48	-188.27	369.25	0.51	-0.30	-3.76	MWD
8275.00	6.25	237.49	8258.26	-322.22	-193.85	375.48	0.49	0.10	4.44	MWD
8338.00	5.81	236.36	8320.91	-325.83	-199.40	381.58	0.72	-0.70	-1.79	MWD
8401.00	5.94	236.86	8383.58	-329.38	-204.78	387.54	0.22	0.21	0.79	MWD
8464.00	5.94	245.61	8446.24	-332.51	-210.48	393.33	1.44	0.00	13.89	MWD
8527.00	6.25	249.24	8508.88	-335.07	-216.65	398.91	0.78	0.49	5.76	MWD
8590.00	6.94	250.36	8571.47	-337.56	-223.45	404.79	1.11	1.10	1.78	MWD
8653.00	6.81	247.61	8634.01	-340.27	-230.48	410.98	0.56	-0.21	-4.37	MWD
8715.00	6.37	245.37	8695.60	-343.10	-237.01	416.99	0.82	-0.71	-3.61	MWD
8778.00	6.06	245.11	8758.23	-345.96	-243.20	422.83	0.49	-0.49	-0.41	MWD
8841.00	6.31	244.24	8820.87	-348.86	-249.34	428.67	0.42	0.40	-1.38	MWD
8904.00	6.50	241.49	8883.47	-352.07	-255.59	434.84	0.57	0.30	-4.37	MWD
8967.00	6.50	239.36	8946.07	-355.59	-261.79	441.23	0.38	0.00	-3.38	MWD
9030.00	6.38	242.49	9008.67	-359.02	-267.96	447.54	0.59	-0.19	4.97	MWD
9093.00	6.38	241.99	9071.28	-362.28	-274.16	453.72	0.09	0.00	-0.79	MWD
9156.00	6.06	237.45	9133.91	-365.71	-280.05	459.86	0.93	-0.51	-7.21	MWD
9218.00	5.25	232.49	9195.61	-369.20	-285.06	465.56	1.52	-1.31	-8.00	MWD
9281.00	5.31	230.36	9258.34	-372.82	-289.59	471.10	0.33	0.10	-3.38	MWD
9345.00	5.25	226.74	9322.07	-376.71	-294.00	476.80	0.53	-0.09	-5.66	MWD
9408.00	5.00	222.49	9384.82	-380.71	-297.96	482.33	0.72	-0.40	-6.75	MWD
9470.00	4.81	220.49	9446.59	-384.68	-301.47	487.59	0.41	-0.31	-3.23	MWD
9533.00	4.81	223.24	9509.37	-388.61	-304.99	492.82	0.37	0.00	4.37	MWD
9628.00	4.56	230.86	9604.05	-393.90	-310.65	500.37	0.71	-0.26	8.02	MWD
9691.00	4.75	229.74	9666.85	-397.17	-314.59	505.28	0.33	0.30	-1.78	MWD
9753.00	4.50	225.49	9728.64	-400.53	-318.28	510.14	0.68	-0.40	-6.85	MWD
9816.00	4.44	223.99	9791.45	-404.02	-321.74	514.96	0.21	-0.10	-2.38	MWD
9879.00	4.75	225.49	9854.25	-407.60	-325.29	519.92	0.53	0.49	2.38	MWD
9942.00	4.56	222.74	9917.04	-411.27	-328.85	524.96	0.47	-0.30	-4.37	MWD
10036.00	4.56	218.86	10010.74	-416.92	-333.73	532.38	0.33	0.00	-4.13	MWD
10099.00	4.31	214.49	10073.56	-420.82	-336.64	537.24	0.67	-0.40	-6.94	MWD
10162.00	3.69	211.36	10136.40	-424.51	-339.04	541.63	1.04	-0.98	-4.97	MWD
10225.00	3.32	213.14	10199.28	-427.77	-341.09	545.48	0.61	-0.59	2.83	MWD
10278.00	3.50	219.49	10252.19	-430.30	-342.96	548.63	0.79	0.34	11.98	MWD
10351.00	3.69	220.11	10325.05	-433.81	-345.89	553.18	0.27	0.26	0.85	MWD
10414.00	3.44	209.99	10387.93	-437.00	-348.14	557.08	1.07	-0.40	-16.06	MWD
10476.00	3.38	196.49	10449.82	-440.37	-349.59	560.68	1.30	-0.10	-21.77	MWD
10539.00	3.39	186.86	10512.71	-444.00	-350.34	564.10	0.90	0.02	-15.29	MWD
10602.00	3.44	180.74	10575.60	-447.74	-350.58	567.34	0.58	0.08	-9.71	MWD
10665.00	3.13	174.99	10638.49	-451.34	-350.46	570.25	0.72	-0.49	-9.13	MWD
10728.00	3.00	168.36	10701.40	-454.67	-349.97	572.73	0.60	-0.21	-10.52	MWD
10759.00	2.88	164.86	10732.36	-456.21	-349.61	573.81	0.70	-0.39	-11.29	MWD
10791.00	2.69	161.36	10764.32	-457.70	-349.16	574.78	0.80	-0.59	-10.94	MWD
10853.00	2.89	164.96	10826.25	-460.59	-348.29	576.69	0.43	0.32	5.81	MWD
10906.00	2.73	161.36	10879.19	-463.08	-347.54	578.32	0.45	-0.30	-6.79	MWD
10980.00	2.36	160.61	10953.11	-466.18	-346.47	580.29	0.50	-0.50	-1.01	MWD
11042.00	3.00	180.86	11015.05	-469.01	-346.07	582.41	1.83	1.03	32.66	MWD
11104.00	3.38	198.61	11076.95	-472.36	-346.68	585.52	1.70	0.61	28.63	MWD
11135.00	3.63	210.99	11107.89	-474.07	-347.47	587.38	2.57	0.81	39.94	MWD
11230.00	2.94	211.74	11202.74	-478.72	-350.30	592.82	0.73	-0.73	0.79	MWD
11264.00	2.75	209.24	11236.70	-480.17	-351.16	594.51	0.67	-0.56	-7.35	MWD
11359.00	2.69	203.99	11331.59	-484.20	-353.18	598.97	0.27	-0.06	-5.53	MWD
11421.00	2.94	199.03	11393.51	-487.03	-354.29	601.94	0.56	0.40	-8.00	MWD

Weatherford International, Ltd.

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Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
11484.00	3.06	196.74	11456.43	-490.17	-355.30	605.10	0.27	0.19	-3.63	MWD
11547.00	3.25	195.99	11519.33	-493.50	-356.28	608.40	0.31	0.30	-1.19	MWD
11610.00	3.38	196.61	11582.23	-496.99	-357.30	611.87	0.21	0.21	0.98	MWD
11673.00	3.63	193.86	11645.11	-500.71	-358.31	615.51	0.48	0.40	-4.37	MWD
11736.00	3.75	192.61	11707.98	-504.66	-359.24	619.30	0.23	0.19	-1.98	MWD
11799.00	4.06	191.86	11770.83	-508.85	-360.14	623.28	0.50	0.49	-1.19	MWD
11861.00	4.13	196.86	11832.67	-513.13	-361.24	627.44	0.59	0.11	8.06	MWD
11924.00	4.18	197.85	11895.51	-517.49	-362.60	631.81	0.14	0.08	1.57	MWD
11987.00	4.25	197.49	11958.34	-521.90	-364.01	636.25	0.12	0.11	-0.57	MWD
12034.00	4.19	197.61	12005.21	-525.20	-365.05	639.57	0.13	-0.13	0.26	MWD
12230.00	4.00	197.00	12200.71	-538.56	-369.22	652.96	0.10	-0.10	-0.31	SS SURVEYS
12350.00	2.50	197.00	12320.51	-545.07	-371.21	659.46	1.25	-1.25	0.00	SS SURVEYS
12444.00	2.50	197.00	12414.42	-548.99	-372.41	663.38	0.00	0.00	0.00	SS SURVEYS
12484.25	2.50	197.00	12454.64	-550.67	-372.92	665.06	0.00	0.00	0.00	PROJECTED to TD

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2008**

FROM: (Old Operator):	**TO:** (New Operator):
N2580-Miller, Dyer & Co, LLC	N2680-Whiting Oil & Gas Company
475 17th St, Suite 1200	1700 Broadway, Suite 2300
Denver, CO 80202	Denver, CO 80290
Phone: 1 (303) 292-0949	Phone: 1 (303) 837-1661

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 7/16/2008
4a. Is the new operator registered in the State of Utah: _____ Business Number: 5890476-0143
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
5b. Inspections of LA PA state/fee well sites complete on: done
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 7/16/2008
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 7/16/2008
3. Bond information entered in RBDMS on: 7/16/2008
4. Fee/State wells attached to bond in RBDMS on: 7/16/2008
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000148
2. Indian well(s) covered by Bond Number: RLB0011681
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Whiting Oil And Gas Company N2680

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290

PHONE NUMBER: (303) 837-1661

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is ~~#RLB0011676~~ RLB0004585 or Utah BLM Bond #UTB-000148 BIA RLB0011681.
See attached well list.

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202
N2580

Miller, Dyer & Co., LLC

RECEIVED
JUN 05 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jeffrey H. Lang TITLE VP Operations

SIGNATURE _____ DATE 6/3/08

Whiting Oil and Gas Corporation

NAME (PLEASE PRINT) Rick Ross TITLE VP Operations

SIGNATURE _____ DATE 6/3/08

(This space for State use only)

APPROVED 7/16/2008

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well_name	sec	twp	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	

Earlene Russell - PEN 16320

43047385 06
Ute Tribal 6-16-14-20
T 14S R 20E Sec 16

From: Sue Stewart
To: Russell, Earlene
Date: 5/10/2010 10:35 AM
Subject: PEN 16320

Earlene,
I was looking at PEN 16320 and noticed that DOGM shows the lease on that PEN as being ML 47502 and SITLA shows it as ML 50734. ML 47502 was replaced by ML 50734 on 3/2/2007.

Thanks

Sue Stewart
Trust Lands Administration
Royalty Auditor
SueStewart@utah.gov
Wk 801-538-5133
Fax 801-538-5118
Wk Hrs M-TH, 5:30am to 4:00pm

Changed
5/18/10
ERussell

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-50734

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: UTE TRIBAL 6-16-14-20

2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION

9. API NUMBER: 43047385060000

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300

PHONE NUMBER: 303 390-4095 Ext

9. FIELD and POOL or WILDCAT: FLAT ROCK

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1846 FNL 2065 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 16 Township: 14.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 12/7/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Isolate Navajo

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

12/5/14 Set CICR @ 12,113' and dumped 1.5 sacks of sand on top. RIH w/ production tbg to 11,985'.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 13, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cara Mezydlo	303 876-7091	Engineering Technician
SIGNATURE N/A		**DATE** 1/9/2015

RECEIVED: Jan. 09, 2015

Job Summary

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Well Name: UTE TRIBAL 6-16-14-20

Isolate Zone
Job Started on 12/3/2014

WPC ID	API Number	Field Name	County	State	Operator	Gr Elev (ft)	Orig KB El...
1UT026830	4304738506	Flat Rock	Uintah	UT	WOGC	6,838.50	6,858.00

AFE Number	Total AFE Amount (Cost)	Supp Amt (Cost)	Total AFE + Supp Amount (Cost)	AFE-Field Estimate (Cost)

Job Category	Job Type	Working Interest (%)	Total Fld Est (Cost)	Start Date	End Date
Workover	Isolate Zone	38.42	45,657.00	12/3/2014	

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	Summary
1.0	1.0	12/3/2014	12/4/2014	SICP = 240 psi, SITP = 240 psi. RU Delsco Northwest Inc slick line truck, RIH with Xline Plug 1.790" OD, 1 3/8" FN. Tagged XN Nipple @ 12,190'. Tried to latch plug into profile nipple, no luck. POOH with slick line, sealing cups were torn off plug and found scale built up around tool. Notified Jared Huckabee, RIH with slick line scratching tool on slick line to try clean out ID of XN Nipple tagged @ 12187'. Worked down to 12196' and stacked out, worked thru XN Nipple to try clean out scale. POOH with slick line, RIH with another Xline plug (1.790 OD 1 3/8" FN) worked thru x nipple @ 12,143', stacked out in XN nipple @ 12187', tried to latch plug into XN nipple no luck, and released wireline truck, POOH with slick line and found sealing cups torn off and some markings on bottom of plug possibly from tagging on obstructions down hole, released slick line unit, shut in well and SDFN.
2.0	2.0	12/4/2014	12/5/2014	SICP = 385 psi, SITP = 390 psi. Spot in and rigged up Red Rock Well Service rig # 2. Bled off well to production tanks, removed production tree and installed Weatherford 7 1/16" 5K BOP. Stung out of packer 30k over string weight, tallied out of hole with production TBG detail as follows: KB - 19.5 2 3/8" 4.7# N-80 Pup JT- 2.20 375 JTS 2 3/8" 4.7# N-80 TBG - 12059.29' 2 3/8" Xnipple - 1.10 1 JT 2 3/8" 4.7# N-80 TBG - 31.93 2 3/8" Sliding Sleave - 2.75 2 3/8" 4.7# N-80 Pup JT- 8.08 2 3/8" XN Nipple - 1.25 Cross Over - .50 Baker GBH-22 Locator Seal - 2.53 Stinger - 11.85 according to TBG tally Packer should be set @ 12,130'+/- Sliding sleeve appears to be only partially opened, TBG and BHA look good. Secured wellhead valves and SDFN
3.0	3.0	12/5/2014	12/6/2014	SICP =180 psi. Bled off well to production tanks, RU Rocky Mountain Wireline. RIH with 5-1/2" CICR, tagged pkr @ 12133' WL depth, correlated back to TBG tally depth of 12128', logged up hole found CSG collar @ 12122', and set CICR @ 12113'. Sat down on retainer to verify set depth good set, POOH with wireline. PU 4" Dump Bailer and filled with 1.5 sx (100 LB/sack, 40/60 mesh, .35mm) sand. Top of sand calculated to 12106'. RIH with wireline, tagged CICR @ 12113', PU hole 25' and dumped sand. Wait 5 minutes, tagged up sand to make sure glass broke on bailer. POOH RD and released wireline. RIH with Production TBG, land TBG Hanger. Floor up rig and rack out handling equipment, removed Weatherford BOPE and install production tree. Secured wellhead valves shut in well and SDFN. TBG detail: KB - 19.5' 370 JTS 2 3/8" 4.7# N-80 TBG - 11897.80 2 3/8" X Nipple 1.875 profile - 1.10 w/ bumper spring in place 27.2" long 1 3/8" FN and 1.900" OD NG 1 JT 2 3/8" 4.7# N-80 TBG - 32.37 2 3/8" XN Nipple 1.875 profile - 1.25 w/ 1.790" NG 1 JT 2 3/8" 4.7# N-80 TBG - 32.37 2 3/8" Wireline reentry guide - .33 TBG landed @ - 11984.72'
4.0	4.0	12/6/2014	12/7/2014	SICP = 10 psi, SITP = 10 psi. Bled off TBG to rig tank, dry gas no fluid, rigged up swab lubricator and started swabbing operations. Initial fluid level 8900' +/-. Made 14 swab runs and recovered 62 bbl, ending fluid level 9700' and SICP 280 psi. See swab report for details. Shut in and secured wellhead SDFN. Note: Had slight foam on first couple of runs then fluid cleaned up.
5.0	5.0	12/7/2014	12/8/2014	SICP = 470 psi, SITP = 15 psi. RD Red Rock Well Service rig #2, racked out support equipment and moved off location.

Report Printed: 1/9/2015

RECEIVED: Jan. 09, 2015

Lease Review All - CR

Well Name: UTE TRIBAL 6-16-14-20

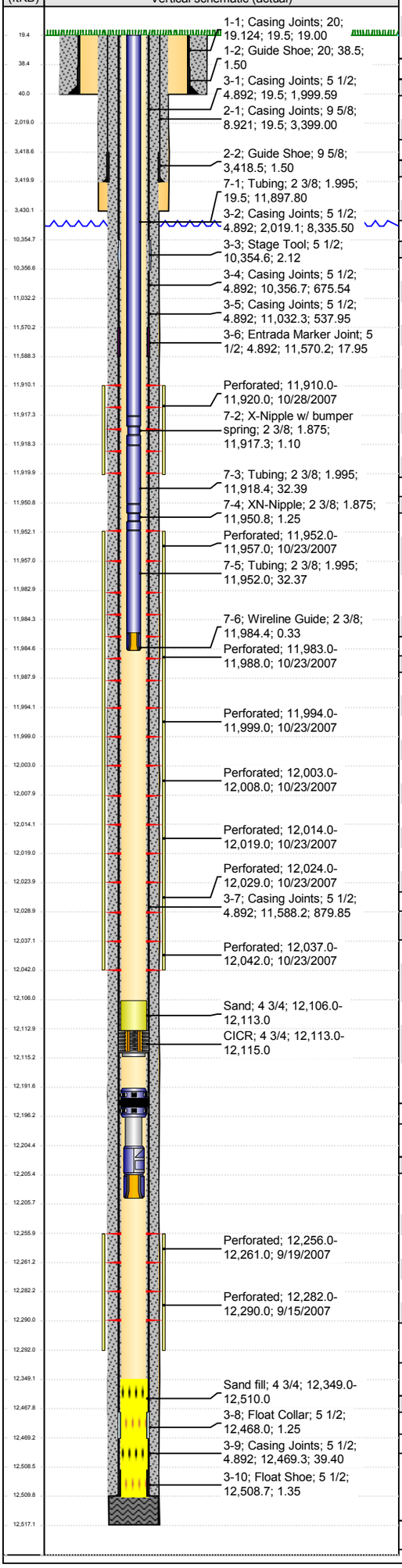
API Number	WPC ID	Well Permit Number	Field Name	County	State
4304738506	1UT026830		Flat Rock	Uintah	UT

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Deviated/Directional	6,858.00	6,838.50			12,517.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
7/16/2007	4/11/2008	Central Rockies	Jared Huckabee	1,846.0	FNL	2,065.0	FWL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	SE	NW			16			14	S	20	E	

Deviated/Directional - Original Hole, 1/9/2015 2:13:12 PM



Wellbore Sections

Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Conductor	Original Hole	7/16/2007	26	19.5	40.0
Surface	Original Hole	7/17/2007	12 1/4	40.0	3,430.0
Production	Original Hole	7/29/2007	8 7/8	3,430.0	12,517.0

Conductor Pipe, 40.0ftKB

OD (in)	ID (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
20	19.124	94.00	J-55	19.5	38.5	19.00	Casing Joints
20				38.5	40.0	1.50	Guide Shoe

Surface Csg, 3,420.0ftKB

OD (in)	ID (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	8.921	36.00	J-55	19.5	3,418.5	3,399.00	Casing Joints
9 5/8				3,418.5	3,420.0	1.50	Guide Shoe

Production Csg, 12,510.0ftKB

OD (in)	ID (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
5 1/2	4.892	17.00	P-110	19.5	2,019.1	1,999.59	Casing Joints
5 1/2	4.892	17.00	N-80	2,019.1	10,354.6	8,335.50	Casing Joints
5 1/2				10,354.6	10,356.7	2.12	Stage Tool
5 1/2	4.892	17.00	N-80	10,356.7	11,032.3	675.54	Casing Joints
5 1/2	4.892	17.00	P-110	11,032.3	11,570.2	537.95	Casing Joints
5 1/2	4.892	17.00	P-110	11,570.2	11,588.2	17.95	Entrada Marker Joint
5 1/2	4.892	17.00	P-110	11,588.2	12,468.0	879.85	Casing Joints
5 1/2				12,468.0	12,469.3	1.25	Float Collar
5 1/2	4.892	17.00	P-110	12,469.3	12,508.7	39.40	Casing Joints
5 1/2				12,508.7	12,510.0	1.35	Float Shoe

Cement Stages

Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Conductor Cement	7/17/2007		19.5	40.0	
Surface Casing Cement	7/27/2007		19.5	3,420.0	
Production Casing Cement	9/3/2007		19.5	12,510.0	
Cement below shoe	9/3/2007		12,510.0	12,517.0	

Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated	10/28/2007	11,910.0	11,920.0	Entrada, Original Hole
Perforated	10/23/2007	11,952.0	11,957.0	Entrada, Original Hole
Perforated	10/23/2007	11,983.0	11,988.0	Entrada, Original Hole
Perforated	10/23/2007	11,994.0	11,999.0	Entrada, Original Hole
Perforated	10/23/2007	12,003.0	12,008.0	Entrada, Original Hole
Perforated	10/23/2007	12,014.0	12,019.0	Entrada, Original Hole
Perforated	10/23/2007	12,024.0	12,029.0	Entrada, Original Hole
Perforated	10/23/2007	12,037.0	12,042.0	Entrada, Original Hole
Perforated	9/19/2007	12,256.0	12,261.0	Navajo, Original Hole
Perforated	9/15/2007	12,282.0	12,290.0	Navajo, Original Hole

Stim/Treat Stages

Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pump (bbl)
Acidization	9/21/2007	12,256.0	12,290.0	7 1/2% HCl,, Acid	124.00
Frac	10/6/2007	12,256.0	12,292.0	5000# 100 Mesh, 62800# 20/40 wh sd, 143 tns, CO2	529.00
Acidization	10/24/2007	11,957.0	12,042.0	7 1/2% HCl, Acid	118.50
Frac	10/28/2007	11,952.0	12,042.0	5100# 100 Mesh, 92600# 20/40 wh sd, CO2	645.00
Frac	10/28/2007	11,910.0	11,920.0	2900# 100 Mesh, 31500# wh snd, CO2	356.00

Tubing - Production set at 11,984.7ftKB on 12/5/2014 06:00

Set Depth (ftKB)	Comment	Run Date	Pull Date
11,984.7		12/5/2014	

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 3/8	1.995	4.70	L-80	370	11,897.80	19.5	11,917.3
X-Nipple w/ bumper spring	2 3/8	1.875				1.10	11,917.3	11,918.4
Tubing	2 3/8	1.995	4.70	L-80	1	32.39	11,918.4	11,950.8
XN-Nipple	2 3/8	1.875				1.25	11,950.8	11,952.0
Tubing	2 3/8	1.995	4.70	L-80	1	32.37	11,952.0	11,984.4
Wireline Guide	2 3/8					0.33	11,984.4	11,984.7

Rod Strings

<des> on <dttmrun>

Rod Description	Run Date	Pull Date

Item Des	OD (in)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)

Other Strings

Set Depth (ftKB)	Comment	Run Date	Pull Date
12,205.7	2010 reports say pkr set @ 12150', but subsequent tbg runs show the pkr deeper. Adjusted pkr depth to match tbg tally.	4/10/2010	

Lease Review All - CR

Well Name: UTE TRIBAL 6-16-14-20

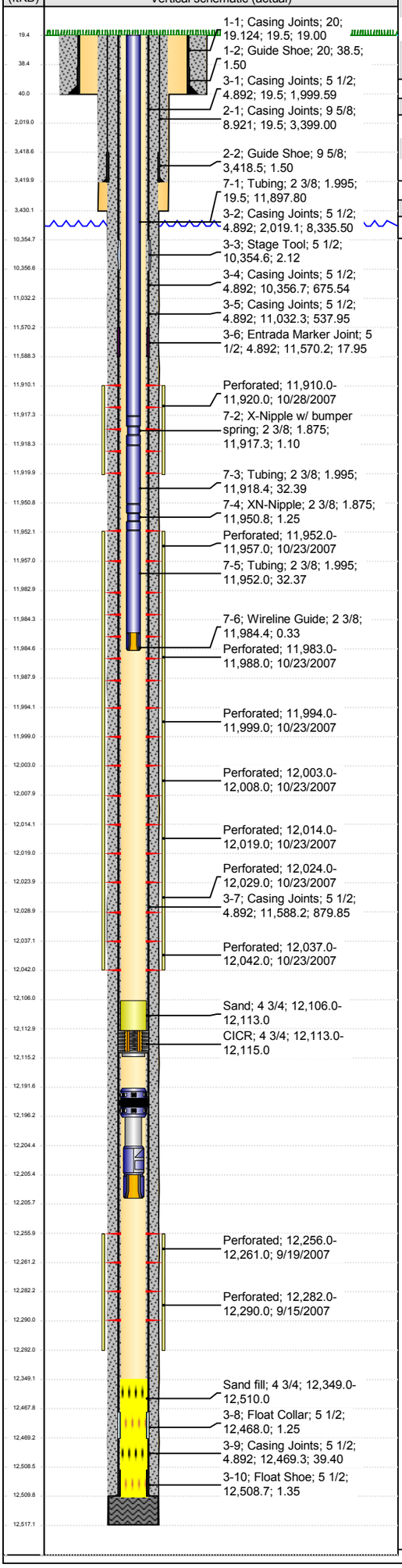
API Number	WPC ID	Well Permit Number	Field Name	County	State
4304738506	1UT026830		Flat Rock	Uintah	UT

Well Configuration Type	Orig KB Elv (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB)
Deviated/Directional	6,858.00	6,838.50			12,517.0

Original Spud Date	Completion Date	Asset Group	Responsible Engineer	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
7/16/2007	4/11/2008	Central Rockies	Jared Huckabee	1,846.0	FNL	2,065.0	FWL

Lot	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Section Suffix	Section Type	Township	Township N/S Dir	Range	Range E/W Dir	Meridian
	SE	NW			16			14	S	20	E	

Deviated/Directional - Original Hole, 1/9/2015 2:13:12 PM



Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Baker F-1 Perm Packer, size 45-30	4 9/16	2.668	4.50	12,191.7	12,196.2
Tubing Sub	2 7/8	2.441	8.00	12,196.2	12,204.2
Baker BXN Profile Nipple	3.662	2.310	1.10	12,204.2	12,205.4
WL Guide; Pump Out Plug removed 11/17/10	3.662	2.441	0.30	12,205.4	12,205.7

Other In Hole

Des	OD (in)	ID (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)
Sand	4 3/4		12/5/2014		12,106.0	12,113.0
CICR	4 3/4		12/5/2014		12,113.0	12,115.0
Sand fill	4 3/4		9/2/2007		12,349.0	12,510.0

Bottom Hole Cores

Date	Core #	Top (ftKB)	Btm (ftKB)	Recov (ft)

RECEIVED: Jan. 09, 2015

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALS TX 76307-8206
CA Number(s):	Unit Name: None

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor
   Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455
   B009568-FCB
   B009567-FCB
   B009566-FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

From: Whiting Oi Gas Corporation
To: Cobra Oil Gas Corporation
Effective:8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	See attached exhibit
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	See attached exhibit
7. UNIT or CA AGREEMENT NAME:	See attached exhibit
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See attached exhibit	8. WELL NAME and NUMBER: See attached exhibit
2. NAME OF OPERATOR: COBRA OIL & GAS CORPORATION N4270	9. API NUMBER: See attach
3. ADDRESS OF OPERATOR: PO Box 8206 Wichita Falls TX 76307-8206 / PHONE NUMBER: (940) 716-5100	10. FIELD AND POOL, OR WILDCAT: See attached exhibit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached exhibit QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/1/2015	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680
1700 Broadway, Suite 2300
Denver, CO 80290
Phone: (303) 837-1661

Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company
Utah State Bond: B009455
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne TITLE Vice President

SIGNATURE Robert W Osborne DATE 7/14/15

(This space for State use only)

APPROVED

OCT 14 2015

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		~~4304730729~~	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		~~4304715764~~	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		~~4304733620~~	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E

RECEIVED
AUG 04 2015
DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

July 16, 2015

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

Rachel Medina <rachelmedina@utah.gov>

Plugged Wells

8 messages

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 6, 2015 at 11:05 AM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729
Ute Tribal 30-1 4304715764
Ute Tribal 30-4A 4304716520

Thanks!

--
Rachel Medina
Division of Oil, Gas & Mining
Bonding Technician
801-538-5260

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 6, 2015 at 2:36 PM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.
Thanks!
[Quoted text hidden]

Barbara Pappas <barbara@cobraogc.com> Thu, Aug 6, 2015 at 3:10 PM
To: Rachel Medina <rachelmedina@utah.gov>

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Thursday, August 06, 2015 3:37 PM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov> Fri, Aug 14, 2015 at 8:58 AM
To: Barbara Pappas <barbara@cobraogc.com>

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A
UTE TRIBAL 32-3A
UTE TRIBAL 32-4A

Thanks!
[Quoted text hidden]

Charlie Gibson <charlie@cobraogc.com> Wed, Aug 19, 2015 at 8:40 AM
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Rachel,

We have studied the wells listed below and our estimate to plug the wells is $20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Friday, August 14, 2015 9:59 AM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]
[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov> Wed, Aug 19, 2015 at 4:46 PM
To: Dustin Doucet <dustindoucet@utah.gov>

What are you thoughts on the full cost bonding and the shut in plan?
[Quoted text hidden]

Dustin Doucet <dustindoucet@utah.gov> Wed, Aug 19, 2015 at 6:16 PM
To: Rachel Medina <rachelmedina@utah.gov>

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the $30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than $30K per well if the work is not done by October 1, 2015.
[Quoted text hidden]
--
Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116
801.538.5281 (ofc)
801.359.3940 (fax)

web: www.ogm.utah.gov

Rachel Medina <rachelmedina@utah.gov> Thu, Aug 20, 2015 at 9:09 AM
To: Charlie Gibson <charlie@cobraogc.com>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Hi Charlie,

The following is our Petroleum Engineer's review;

-Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Triabl 32-4A are each required to have a $30,000.00 individual bond.
-Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>

Utah Change of Operator from Whiting to Cobra

1 message

Charlie Gibson <charlie@cobraogc.com> Thu, Aug 13, 2015 at 2:17 PM
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Jeff Dillard <jeff@cobraogc.com>, Bob Osborne <bob@cobraogc.com>, Stephen Howard <Showard@basinoilandgas.com>, Caven Crosnoe <ccrosnoe@scglaw.com>, Rory Edwards <rory@cobraogc.com>, Phil Rugeley <phil@cobraogc.com>, Rick Haskin <rick@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32-11	32130S210E4304733445
UTE TRIBAL 32-11A	32140S200E4304733621
FLAT ROCK 13-32-14-20	32140S200E4304736992
FLAT ROCK 14-32-14-20	32140S200E4304736993

FLAT ROCK 15-32-14-20 32140S200E4304736994

UTE TRIBAL 8-25-14-19 30140S200E4304739053

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

Charlie Gibson

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